INDEX TO ARTICLES AND COMMENTARIES: VOLUME 70 (1995)

Entries are by title and author; commentaries are so designated.

Animals, fear and fearfulness in, 165
Arboreal Clambering and the Evolution of Self-Conception, by D. J. Povinelli and J. G. H. Cant, 393
Arthropoda, evolution of metamerism in, 279

Balance of nature, from, to hierarchical patch dynamics, a paradigm shift in ecology, 439
Boissy, A., *Fear and Fearfulness in Animals*, 165
Bronson, F. H., *Seasonal Variation in Human Reproduction: Environmental Factors*, 141

Cant, J. G. H. (with D. J. Povinelli), *Arboreal Clambering and the Evolution of Self-Conception*, 393
Clambering (arboreal) and the evolution of self-conception, 393
Concerted Evolution of Repetitive DNA Sequences in Eukaryotes, by J. F. Elder, Jr. and B. J. Turner, 297

DNA sequences (repetitive) in eukaryotes, concerted evolution of, 297

Elder, Jr., J. F., and B. J. Turner, *Concerted Evolution of Repetitive DNA Sequences in Eukaryotes*, 297
Erk, F. C., *The* QRB *at Three Score Years and Ten*, COMMENTARY, 467
Evolution of Metamerism in Arthropoda: Developmental and Morphological Perspectives, by J. Zrzavý and P. Štys, 279

Fear and Fearfulness in Animals, by A. Boissy, 165
Fearfulness and fear in animals, 165
Finch, C. E., and M. R. Rose, *Hormones and the Physiological Architecture of Life History Evolution*, 1
From Balance of Nature to Hierarchical Patch Dynamics: A Paradigm Shift in Ecology, by J. Wu and O. L. Loucks, 439

Ghilarov, A. M., *Vernadsky's Biosphere Concept: An Historical Perspective*, COMMENTARY, 193

Hormones and the Physiological Architecture of Life History Evolution, by C. E. Finch and M. R. Rose, 1
Human reproduction, seasonal variation in, 141

Koch, A. L., *The Origin of Intracellular and Intercellular Pathogens*, 423

Life history evolution, hormones and the physiological architecture of, 1
Loucks, O. L. (with J. Wu), *From Balance of Nature to Hierarchical Patch Dynamics: A Paradigm Shift in Ecology*, 439

Metamerism in arthropoda, evolution of, 279

Origin of Intracellular and Intercellular Pathogens, by A. L. Koch, 423

Patch dynamics (hierarchical), from balance of nature to, a paradigm shift in ecology, 439
Pathogens (intracellular and intercellular), the origin of, 423
Physiological architecture and hormones of life history evolution, 1
Povinelli, D. J., and J. G. H. Cant, *Arboreal Clambering and the Evolution of Self-Conception*, 393

QRB *at Three Score Years and Ten*, by F. C. Erk, COMMENTARY, 467
Queller, D. C., *The Spaniels of St. Marx and the Panglossian Paradox: A Critique of a Rhetorical Programme*, COMMENTARY, 485

Reproduction (human), seasonal variation in, 141
Rose, M. R. (with C. E. Finch), *Hormones and the Physiological Architecture of Life History Evolution*, 1

Seasonal Variation in Human Reproduction: Environmental Factors, by F. H. Bronson, 141
Self-conception, arboreal clambering and the evolution of, 393
Spaniels of St. Marx and the Panglossian Paradox: A Critique of a Rhetorical Programme, by D. C. Queller, COMMENTARY, 485
Štys, P. (with J. Zrzavý), *Evolution of Metamerism in Arthropoda: Developmental and Morphological Perspectives*, 279
Turner, B. J. (with J. F. Elder, Jr.), *Concerted Evolution of Repetitive DNA Sequences in Eukaryotes*, 297

Vernadsky's Biosphere Concept: An Historical Perspective, by A. M. Ghilarov, COMMENTARY, 193

Wu, J., and O. L. Loucks, *From Balance of Nature to Hierarchical Patch Dynamics: A Paradigm Shift in Ecology*, 439

Zrzavý, J., and P. Štys, *Evolution of Metamerism in Arthropoda: Developmental and Morphological Perspectives*, 279

INDEX TO BOOKS AND SOFTWARE REVIEWED: VOLUME 70 (1995)

Entries are by title and author/editor; lead reviews are so designated.

ACE Inhibitors: Central Actions, by J. M. Starr and L. J. Whalley, 259

Acid and Basics, by J. Lowenstein, 375

Addictive Behaviors in Women, ed. by R. R. Watson, 114

Adiyodi, K. G., and R. G. Adiyodi (eds.), Reproductive Biology of Invertebrates, Vol. VI, Part A (Asexual Propagation and Reproductive Strategies), 341

Advances in Nutritional Research, ed. by H. H. Draper, Vol. 9 (Nutrition and Osteoporosis), 543

Advances in Pineal Research, ed. by G. J. M. Maestroni et al., Vol. 7, 246

Advances in Pineal Research, ed. by M. Møller and P. Pévet, Vol. 8, 358

African Savanna: Synthesis of the Nylsvley Study, by R. J. Scholes and B. H. Walker, 104

AIDS in Africa, ed. by M. Essex et al., 540

Akçakaya, H. R., RAMAS/metapop: Viability Analysis for Stage-Structured Metapopulations, *software*, 381

Alcohol and Hormones, ed. by R. R. Watson, 370

Altieri, M. A. (ed.), Crop Protection Strategies for Subsistence Farmers, 99

Alvarez, K., Twilight of the Panther: Biology, Bureaucracy and Failure in an Endangered Species Program, 91

American Women Afield: Writings by Pioneering Women Naturalists, ed. by M. M. Bonta, 547

Amino Acids and Their Derivatives in Higher Plants, ed. by R. M. Wallsgrove, 515

Amtec Engineering, Tecplot: Interactive Data Visualization for Scientists & Engineers, Version 6.0, *software*, 382

Ananthakrishnan, T. N. (ed.), Functional Dynamics of Phytophagous Insects, 347

Andersson, M., Sexual Selection, 77

Animal Behavior, ed. by T. Halliday, 109

Animal Behavior: An Introduction to Behavioral Mechanisms, Development, and Ecology, by M. Ridley, 2nd ed., 360

Animal Mind, by J. L. Gould and C. G. Gould, 361

Annas, G. J., Standard of Care: The Law of American Bioethics, 500

Annual Review of Biochemistry, ed. by C. C. Richardson et al., Vol. 64 (1995), 505

Annual Review of Biophysics and Biomolecular Structure, ed. by R. M. Stroud et al., Vol. 24 (1995), 505

Annual Review of Cell Biology, ed. by J. A. Spudich et al., Vol. 10 (1994), 338

Annual Review of Entomology, ed. by T. E. Mittler et al., Vol. 40 (1995), 346

Annual Review of Genetics, ed. by A. Campbell et al., Vol. 28 (1994), 339

Annual Review of Immunology, ed. by W. E. Paul et al., Vol. 13 (1995), 544

Annual Review of Neuroscience, ed. by W. M. Cowan et al., Vol. 18 (1995), 358

Annual Review of Physiology, ed. by J. F. Hoffman and P. De Weer, Vol. 57 (1995), 373

Annual Review of Phytopathology, by R. J. Cook et al., Vol. 32 (1994), 85

Annual Review of Plant Physiology and Plant Molecular Biology, ed. by R. L. Jones et al., Vol. 46 (1995), 515

Anthropoid Origins, ed. by J. G. Fleagle and R. F. Kay, 333

Antibody Engineering Protocols, ed. by S. Paul, 504

Apoptosis II: The Molecular Basis of Apoptosis in Disease, ed. by L. D. Tomei and F. O. Cope, 544

Aquatic Ecology: Scale, Pattern and Process, ed. by P. S. Giller et al., 528

Aquatic Microbiology, by G. Rheinheimer (transl. by N. Walker), 4th ed., 352

Architectonicidae of the Indo-Pacific (Mollusca, Gastropoda), by R. Bieler, 94

Are Genes Us?: The Social Consequences of the New Genetics, ed. by C. F. Cranor, 507

Arena Birds: Sexual Selection and Behavior, by P. A. Johnsgard, 247

Arianoutsou, M., and R. H. Groves (eds.), Plant-Animal Interactions in Mediterranean-Type Ecosystems, 102
Artificial Intelligence and Molecular Biology, ed. by L. Hunter, 70
Aspects of Tropical Mycology, ed. by S. Isaac et al., 82
AssemblyLIGN: Sequence Assembly Software, International Biotechnologies, *software*, 128
Asteraceae: Cladistics & Classification, by K. Bremer, 83
Audus, K. L., and T. J. Raub (eds.), Biological Barriers to Protein Delivery, 259
Auffenberg, W., The Bengal Monitor, 228
Australian Vegetation, ed. by R. H. Groves, 2nd ed., 515
Austyn, J. M., and K. J. Wood, Principles of Cellular and Molecular Immunology, 256

Bacterial Growth and Lysis: Metabolism and Structure of the Bacterial Sacculus, ed. by M. A. de Pedro et al., 342
Baculovirus Expression Systems and Biopesticides, ed. by M. L. Shuler et al., 347
Bakus, G. J., et al., Coral Reef Ecosystems, 242
Balée, W., Footprints of the Forest: Ka'apor Ethnobotany—The Historical Ecology of Plant Utilization by an Amazonian People, 241
Barber, T. X., The Human Nature of Birds: A Scientific Discovery with Startling Implications, 213
Barlow, R. B., Jr., et al. (eds.), The Biological Century: Friday Evening Talks at the Marine Biological Laboratory, 60
Basic Human Genetics, by E. J. Mange and A. P. Mange, 74
Basic Questions in Paleontology: Geologic Time, Organic Evolution, and Biological Systematics, by O. H. Schindewolf (transl. by J. Schaefer), 66
Bayertz, K., GenEthics: Technological Intervention in Human Reproduction as a Philosophical Problem (transl. by S. L. Kirkby), 500
Beak of the Finch: A Story of Evolution in Our Time, by J. Weiner, 545
Becker, E. W., Microalgae: Biotechnology and Microbiology, 350
Beckstrom, J. H., Darwinism Applied: Evolutionary Paths to Social Goals, 113
Bee Genera of North and Central America (Hymenoptera: Apoidea), by C. D. Michener et al., 87
Behavioral Neurology of Movement Disorders, ed. by W. J. Weiner and A. E. Lang, 535
Behaviorism: Mind, Mechanism and Society, by J. Staddon, 546
Behaviour and Evolution, ed. by P. J. B. Slater and T. R. Halliday, 360
Bengal Monitor, by W. Auffenberg, 228
Bengtson, S. (ed.), Early Life on Earth, 504
Bensasson, R. V., et al., Excited States and Free Radicals in Biology and Medicine: Contributions from Flash Photolysis and Pulse Radiolysis, 375
Berger, J., and C. Cunningham, Bison: Mating and Conservation in Small Populations, 231
Bevan, R. D., and J. A. Bevan (eds.), The Human Brain Circulation: Functional Changes in Disease, 376
Bewley, J. D., and M. Black, Seeds: Physiology of Development and Germination, 2nd ed., 223
Bibliography of Human Behavior, ed. by H. Caton, 114
Bieler, R., Architectonicidae of the Indo-Pacific (Mollusca, Gastropoda), 94
Biochemical Mechanisms Involved in Plant Growth Regulation, ed. by C. J. Smith et al., 224
Biogeography and Ecology of the Rain Forests of Eastern Africa, ed. by J. C. Lovett and S. K. Wasser, 103
Biogeography: An Ecological and Evolutionary Approach, by C. B. Cox and P. D. Moore, 5th ed., 237
Biographical Dictionary of Scientists, ed. by R. Porter, 2nd ed., 498
Biological Anthropology and Aging: Perspectives on Human Variation over the Life Span, ed. by D. E. Crews and R. M. Garruto, 117
Biological Applications of Photochemical Switches, ed. by H. Morrison, 216
Biological Barriers to Protein Delivery, ed. by K. L. Audus and T. J. Raub, 259
Biological Bases of Brain Function and Disease, ed. by A. Frazer et al., 107
Biological Century: Friday Evening Talks at the Marine Biological Laboratory, ed. by R. B. Barlow, Jr. et al., 60
Biological Microtechnique, by J. B. Sanders, 258
Biological Monitoring of the Environment: A Manual of Methods, ed. by J. Salanki et al., 238
Biology of Heat Shock Proteins and Molecular Chaperones, ed. by R. I. Morimoto et al., 336

Biology of Ticks, by D. E. Sonenshine, Vol. 2, 227
Biosystematic Studies of Ceylonese Wasps, XX: A Revision of *Tachysphex* Kohl, 1883, with Notes on Other Oriental Species (Hymenoptera: Sphecidae: Larrinae), by K. V. Krombein and W. J. Pulawski, 226
Biotechnology and Safety Assessment, ed. by J. A. Thomas and L. A. Myers, 262
Birds in Brazil: A Natural History, by H. Sick (transl. by W. Belton), 521
Birds of Singapore, by C. Briffett, 89
Birds of South America, by R. S. Ridgely and G. Tudor, Vol. II, 229
Birdwatcher's Handbook: A Guide to the Natural History of the Birds of Britain and Europe, by P. R. Ehrlich et al., 348
Bisby, F. A., et al. (eds.), Designs for a Global Plant Species Information System, 345
Bison: Mating and Conservation in Small Populations, by J. Berger and C. Cunningham, 231
Blood: Hemostasis, Transfusion, and Alternatives in the Perioperative Period, ed. by C. L. Lake and R. A. Moore, 544
Bloom, F. E., and D. J. Kupfer (eds.), Psychopharmacology: The Fourth Generation of Progress, 358
Boake, C. R. B. (ed.), Quantitative Genetic Studies of Behavioral Evolution, 339
Bock, G., and J. Marsh (eds.), Neural Tube Defects, 541
Bock, G. R., and K. Ackrill (eds.), The Origins and Development of High Ability, 254
Bock, W. J., History and Nomenclature of Avian Family-Group Names, 230
Bodanszky, M., and A. Bodanszky, The Practice of Peptide Synthesis, 2nd ed., 337
Bodmer, W. F., and M. J. Owen (eds.), Molecular Mechanisms of the Immune Response, 373
Bolen, E. G., and W. L. Robinson, Wildlife Ecology and Management, 3rd ed., 356
Bonta, M. M. (ed.), American Women Afield: Writings by Pioneering Women Naturalists, 547
Book of Genesis: Exploring Realistic Neural Models with the GEneral NEural SImulation System, by J. M. Bower and D. Beeman, 534
Born, E. W., et al. (compilers and eds.), Studies of White Whales (*Delphinapterus leucas*) and Narwhals (*Monodon monoceros*) in Greenland and Adjacent Waters, 95
Bouchard, T. J., Jr., and P. Propping (eds.), Twins as a Tool of Behavioral Genetics, 253
Bower, J. M., and D. Beeman, The Book of Genesis: Exploring Realistic Neural Models with the GEneral NEural SImulation System, 534
Boyd, L., and K. A. Houpt (eds.), Przewalski's Horse: The History and Biology of an Endangered Species, 231
Brain Mechanisms of Perception and Memory: From Neuron to Behavior, ed. by T. Ono et al., 246
Bremer, K., Asteraceae: Cladistics & Classification, 83
Briffett, C., The Birds of Singapore, 89
Brodsky, A. K., The Evolution of Insect Flight, 346
Bud, R., The Uses of Life: A History of Biotechnology, 497
Buell, J., and V. Hearn (eds.), Darwinism: Science or Philosophy?, 499
Buikstra, J. E., and D. H. Ubelaker (eds.), Standards for Data Collection from Human Skeletal Remains, 539
Bunde, A., and S. Havlin (eds.), Fractals in Science, 261
Burton, R. F., Physiology by Numbers: An Encouragement to Quantitative Thinking, 63
Buskirk, S. W., et al. (eds.), Martens, Sables, and Fishers: Biology and Conservation, 230
Buss, D. M., The Evolution of Desire: Strategies of Human Mating, 371
Butterfield, N. J., et al., Paleobiology of the Neoproterozoic Svanbergfjellet Formation, Spitsbergen, 334

Calcium Regulation of Cellular Function, ed. by A. R. Means, 506
Cambie, R. C., and J. Ash, Fijian Medicinal Plants, 115
Campbell, A., et al. (eds.), Annual Review of Genetics, Vol. 28 (1994), 339
Cancer Wars: How Politics Shapes What We Know and Don't Know About Cancer, by R. N. Proctor, 537
Carcinogenesis, ed. by M. P. Waalkes and J. M. Ward, 121
Carey, C., et al. (eds.), Life in the Cold: Ecological, Physiological, and Molecular Mechanisms, 85
Caro, T. M., Cheetahs of the Serengeti Plains: Group Living in an Asocial Species, 359
Carpenter, K., et al. (eds.), Dinosaur Eggs and Babies, 67

Carr, A.; ed. by M. H. Carr, A Naturalist in Florida: A Celebration of Eden, 62
Carr, M. H. (ed.); by A. Carr, A Naturalist in Florida: A Celebration of Eden, 62
Casida, J. E., and G. B. Quistad (eds.), Pyrethrum Flowers: Production, Chemistry, Toxicology, and Uses, 516
Caspian Sea, by A. N. Kosarev and E. A. Yablonskaya, 526
Caton, H. (ed.), The Bibliography of Human Behavior, 114
Causes of Diabetes: Genetic and Environmental Factors, ed. by R. D. G. Leslie, 367
Cavalli-Sforza, L. L., et al., The History and Geography of Human Genes, 321
Celis, J. E. (ed.), Cell Biology: A Laboratory Handbook, Vols. 1, 2, and 3, 507
Cell Biology: A Laboratory Handbook, ed. by J. E. Celis, Vols. 1, 2, and 3, 507
Cell Cycle: An Introduction, by A. Murray and T. Hunt, 217
Cellular Interactions in Development: A Practical Approach, ed. by D. A. Hartley, 73
Chadwick, D., et al. (eds.), The Molecular Basis of Smell and Taste Transduction, 358
Chadwick, D. J., and J. Marsh (eds.), Ethnobotany and the Search for New Drugs, 369
Challenging Racism and Sexism: Alternatives to Genetic Explanations, ed. by E. Tobach and B. Rosoff, 546
Changes in Land Use and Land Cover: A Global Perspective, ed. by W. B. Meyer and B. L. Turner II, 533
Changeux, J.-P., and A. Connes, Conversations on Mind, Matter, and Mathematics (ed. and transl. by M. B. DeBevoise), 548
Chaos and Nonlinear Dynamics: An Introduction for Scientists and Engineers, by R. C. Hilborn, 261
Charlesworth, B., Evolution in Age-Structured Populations, 2nd ed., 511
Cheetahs of the Serengeti Plains: Group Living in an Asocial Species, by T. M. Caro, 359
Chemical Methods in Prokaryotic Systematics, ed. by M. Goodfellow and A. G. O'Donnell, 222
Chimpanzee Cultures, ed. by R. W. Wrangham et al., 358
Chivers, D. J., and P. Langer (eds.), The Digestive System in Mammals: Food, Form and Function, 90
Chosen Primate: Human Nature and Cultural Diversity, by A. Kuper, 365
Claeson, G., et al. (eds.), The Design of Synthetic Inhibitors of Thrombin, 373
Clark, K. B., Metazoa: Vanishing Kingdom, Version 2.2, *software*, 270
Co- and Post-Translational Modification of Proteins: Chemical Principles and Biological Effects, by D. J. Graves et al., 336
Coastal Fishes of South-Eastern Australia, by R. H. Kuiter, 93
Colorectal Cancer: A Scientific Perspective, by A. R. Kinsella, 121
Committee on Dogs et al., Dogs: Laboratory Animal Management, 524
Common, I. F. B., Oecophorine Genera of Australia, 225
Common but Less Frequent Loon and Other Essays, by K. S. Thomson, 63
Complete *T. rex*: How Stunning New Discoveries are Changing Our Understanding of the World's Most Famous Dinosaur, by J. R. Horner and D. Lessem, 65
Computer Analysis of Sequence Data, ed. by A. M. Griffin and H. G. Griffin, Parts I and II, 506
Computer Models for the Management of Renewable Resources, by B. J. Korites, *software*, 553
Concepts of Chinese Science and Traditional Healing Arts: A Historical Review, by P. Y. Ho and F. P. Lisowski, 370
Conservation and Management of Neotropical Migrant Landbirds in the Northern Rockies and Great Plains, by D. S. Dobkin, 88
Content of Science: A Constructivist Approach to Its Teaching and Learning, ed. by P. J. Fensham et al., 122
Contrast Sensitivity, ed. by R. Shapley and D. M.-K. Lam, 109
Controlling Our Reproductive Destiny: A Technological and Philosophical Perspective, by L. J. Kaplan and R. Tong, 367
Conversations on Mind, Matter, and Mathematics, by J.-P. Changeux and A. Connes (ed. and transl. by M. B. DeBevoise), 548
Cook, R. J., et al., Annual Review of Phytopathology, Vol. 32 (1994), 85
Cooke, R. C., and J. M. Whipps, Ecophysiology of Fungi, 343
Cooper, N. G. (ed.), The Human Genome Project: Deciphering the Blueprint of Heredity, 362
Coral Reef Ecosystems, by G. J. Bakus et al., 242
Corbett, L. K., The Dingo in Australia and Asia, 519

Correcting the Code: Inventing the Genetic Cure for the Human Body, by L. Thompson, 324
Correspondence: Karl Ernst von Baer [1792–1876], Anton Dohrn [1840–1909], ed. by C. Groeben (transl. by C. Groeben and J. M. Oppenheimer), 60
Cowan, W. M., et al. (eds.), Annual Review of Neuroscience, Vol. 18 (1995), 358
Cowen, R., History of Life, 2nd ed., 212
Cox, C. B., and P. D. Moore, Biogeography: An Ecological and Evolutionary Approach, 5th ed., 237
Cranor, C. F. (ed.), Are Genes Us?: The Social Consequences of the New Genetics, 507
Crews, D. E., and R. M. Garruto (eds.), Biological Anthropology and Aging: Perspectives on Human Variation over the Life Span, 117
Crop Protection Strategies for Subsistence Farmers, ed. by M. A. Altieri, 99
Crowther, J. R., ELISA: Theory and Practice, 506
Cystic Fibrosis: Current Topics, ed. by J. A. Dodge et al., Vol. 1, 368
Cytel Software, LogXact: Logistic Regression Software Featuring Exact Methods, *software*, 127
Cytel Software, LogXact-Turbo: Logistic Regression Software Featuring Exact Methods, *software*, 127
Cytowic, R. E, The Man Who Tasted Shapes: A Bizarre Medical Mystery Offers Revolutionary Insights into Emotions, Reasoning, and Consciousness, 370

Dallai, R. (ed.), Sex Origin and Evolution, 78
Dallal, G. E., DESIGN: A Supplementary Module for SYSTAT and SYGRAPH, *software*, 382
Darwinism Applied: Evolutionary Paths to Social Goals, by J. H. Beckstrom, 113
Darwinism: Science or Philosophy?, ed. by J. Buell and V. Hearn, 499
Davidson, N., and P. Rothwell (eds.), Disturbance to Waterfowl on Estuaries, 94
Davis, W. E., Jr., Dean of the Birdwatchers: A Biography of Ludlow Griscom, 496
Dawkins, R., River Out of Eden: A Darwinian View of Life, 330
Dean of the Birdwatchers: A Biography of Ludlow Griscom, by W. E. Davis, Jr., 496
DeLisa, J. A., et al., Manual of Nerve Conduction Velocity and Clinical Neurophysiology, 3rd ed., 245
de Pedro, M. A., et al. (eds.), Bacterial Growth and Lysis: Metabolism and Structure of the Bacterial Sacculus, 342
Design and Analysis of Ecological Experiments, ed. by S. M. Scheiner and J. Gurevitch, 96
DESIGN: A Supplementary Module for SYSTAT and SYGRAPH, by G. E. Dallal, *software*, 382
Design of Synthetic Inhibitors of Thrombin, ed. by G. Claeson et al., 373
Designs for a Global Plant Species Information System, ed. by F. A. Bisby et al., 345
Developmental Biology, by S. F. Gilbert, 4th ed., 220
Developmental Biology of Ascidians, by N. Satoh, 79
Developmental Toxicology, ed. by C. A. Kimmel and J. Buelke-Sam, 2nd ed., 376
Development of Flowers, by R. I. Greyson, 80
Diatoms to Dinosaurs: The Size and Scale of Living Things, by C. McGowan, 502
Digestive System in Mammals: Food, Form and Function, ed. by D. J. Chivers and P. Langer, 90
Dimmock, N. J., and S. B. Primrose, Introduction to Modern Virology, 4th ed., 342
Dingo in Australia and Asia, by L. K. Corbett, 519
Dinosaur Eggs and Babies, ed. by K. Carpenter et al., 67
Disturbance to Waterfowl on Estuaries, ed. by N. Davidson and P. Rothwell, 94
Dixon, B., Power Unseen: How Microbes Rule the World, 80
Dixon, R. A., and R. A. Gonzales (eds.), Plant Cell Culture: A Practical Approach, 2nd ed., 516
DNA and Free Radicals, ed. by B. Halliwell and O. I. Aruoma, 72
DNA Structure and Function, by R. R. Sinden, 508
Dobkin, D. S., Conservation and Management of Neotropical Migrant Landbirds in the Northern Rockies and Great Plains, 88
Dodge, J. A., et al. (eds.), Cystic Fibrosis: Current Topics, Vol. 1, 368
Dogs: Laboratory Animal Management, by the Committee on Dogs et al., 524
Doll, R., et al. (eds.), Trends in Cancer Incidence and Mortality, 368

Dondero, F., and P. M. Johnson (eds.), Reproductive Immunology, 118
Donnelly, P. J., and G. A. Wistreich, Laboratory Manual for Anatomy and Physiology: With Cat Dissections, 4th ed., 525
———, and ———, Laboratory Manual for Anatomy and Physiology: With Fetal Pig Dissections, 525
Douglas, A. E., Symbiotic Interactions, 212
Draper, H. H. (ed.), Advances in Nutritional Research, Vol. 9 (Nutrition and Osteoporosis), 543
Draznin, B., and D. LeRoith (eds.), Molecular Biology of Diabetes, Vol. II (Insulin Action, Effects on Gene Expression and Regulation, and Glucose Transport), 337
Dressler, R., Field Guide to the Orchids of Costa Rica and Panama, 223
Dressler, R. L., Phylogeny and Classification of the Orchid Family, 84
Drugs and the Lung, ed. by C. P. Page and W. J. Metzger, 249
Dunn, B. M., and M. W. Pennington (eds.), Peptide Analysis Protocols, Vol. 36, 215
Dunnett, S. B., and A. Björklund (eds.), Functional Neural Transplantation, 245
Dynamical Systems: An Introduction with Applications in Economics and Biology, by P. N. V. Tu, 2nd ed., 549
Dynamic Animal Movement Analyzer, by J. B. Hoy et al., *software*, 128
Dynamic Energy Budgets in Biological Systems: Theory and Applications in Ecotoxicology, by S. A. L. M. Kooijman, 98

Early Life on Earth, ed. by S. Bengtson, 504
Ecological Morphology: Integrative Organismal Biology, ed. by P. C. Wainwright and S. M. Reilly, 241
Ecological Understanding, by S. T. A. Pickett et al., 235
Ecology in Education, ed. by M. Hale, 105
Ecology of Insect Overwintering, by S. R. Leather et al., 225
Ecology of Marine Parasites: An Introduction to Marine Parasitology, by K. Rohde, 2nd ed., 91
Ecophysiology of Fungi, by R. C. Cooke and J. M. Whipps, 343
Ecotoxicology in Theory and Practice, by V. E. Forbes and T. L. Forbes, 98
Edwards, C. (ed.), Monitoring Genetically Manipulated Microorganisms in the Environment, 81
Edwards, P. J., et al. (eds.), Large-Scale Ecology and Conservation Biology, 238
Egger, B., Végétation et stations alpines sur serpentine près de Davos Würmmoränen, 83
Ehrlich, P. R., et al., The Birdwatcher's Handbook: A Guide to the Natural History of the Birds of Britain and Europe, 348
Elephant Seals: Population Ecology, Behavior, and Physiology, ed. by B. J. Le Boeuf and R. M. Laws, 349
Elias, S. A., Quaternary Insects and Their Environments, 68
ELISA: Theory and Practice, by J. R. Crowther, 506
Embury, S. H., et al. (eds.), Sickle Cell Disease: Basic Principles and Clinical Practice, 541
Emmeche, C., The Garden in the Machine: The Emerging Science of Artificial Life, 122
Endocrinology of Embryo-Endometrium Interactions, ed. by S. R. Glasser et al., 512
Environmental Ecology: The Ecological Effects of Pollution, Disturbance, and Other Stresses, by B. Freedman, 2nd ed., 241
Eocene-Oligocene Transition: Paradise Lost, by D. R. Prothero, 332
Epilepsy and Quality of Life, ed. by M. R. Trimble and W. E. Dodson, 539
Epilepsy: Models, Mechanisms, and Concepts, ed. by P. A. Schwartzkroin, 372
Epstein, C. J. (ed.), The Phenotypic Mapping of Down Syndrome and Other Aneuploid Conditions, 364
Erickson, P. A., A Practical Guide to Environmental Impact Assessment, 533
Ernst, C. H., et al., Turtles of the United States and Canada, 521
Essays from the Heart, by J. W. Hurst, 327
Essence of Chaos, by E. N. Lorenz, 260
Essential Developmental Biology: A Practical Approach, ed. by C. D. Stern and P. W. H. Holland, 73
Essex, M., et al. (eds.), AIDS in Africa, 540
Ethnobotany and the Search for New Drugs, ed. by D. J. Chadwick and J. Marsh, 369
Evolution, by A. Panchen, 339
Evolution, by M. Ridley, 509
Evolutionary Biology, ed. by M. K. Hecht et al., Vol. 28, 510
Evolutionary Biology of Viruses, ed. by S. S. Morse, 78

Evolutionary History of the Marsupials and an Analysis of Osteological Characters, by F. S. Szalay, 348
Evolution in Age-Structured Populations, by B. Charlesworth, 2nd ed., 511
Evolution of Desire: Strategies of Human Mating, by D. M. Buss, 371
Evolution of Insect Flight, by A. K. Brodsky, 346
Evolution of the Trilobite Subfamily Proetinae Salter, 1864, and the Origin, Diversification, Evolutionary Affinity, and Extinction of the Middle Devonian Proetid Fauna of Eastern North America, by B. S. Lieberman, 68
Excited States and Free Radicals in Biology and Medicine: Contributions from Flash Photolysis and Pulse Radiolysis, by R. V. Bensasson et al., 375
Exotic Ants: Biology, Impact, and Control of Introduced Species, ed. by D. F. Williams, 345
Experimental Investigation of Alpine Plant Communities in the Northwestern Caucasus, ed. by V. G. Onipchenko and M. S. Blinnikov, 84
Explaining Scientific Consensus: The Case of Mendelian Genetics, by K.-M. Kim, 500

Fairbanks, D. N. F., and S. Fujita (eds.), Snoring and Obstructive Sleep Apnea, 2nd ed., 543
Farber, P. L., The Temptations of Evolutionary Ethics, 210
Fensham, P. J., et al. (eds.), The Content of Science: A Constructivist Approach to Its Teaching and Learning, 122
Ferry, J. G. (ed.), Methanogenesis: Ecology, Physiology, Biochemistry & Genetics, 80
Fetus and Neonate: Physiology and Clinical Applications, ed. by M. A. Hanson et al., Vol. 1 (The Circulation), 252
Field Guide to Coastal Wetland Plants of the Southeastern United States, by R. W. Tiner, 83
Field Guide to the Orchids of Costa Rica and Panama, by R. Dressler, 223
Fijian Medicinal Plants, by R. C. Cambie and J. Ash, 115
Fishes of the World, by J. S. Nelson, 3rd ed., 232
Fish Watching: An Outdoor Guide to Freshwater Fishes, by C. L. Smith, 232
Fitzgerald, J. P., et al., Mammals of Colorado, 518
Flannery, T., Mammals of the South-West Pacific & Moluccan Islands, 520
Fleagle, J. G., and R. F. Kay (eds.), Anthropoid Origins, 333
Flyvbjerg, A., et al. (eds.), Growth Hormone and Insulin-Like Growth Factor I in Human and Experimental Diabetes, 260
Folia Baeriana VI: Baer and Modern Biology, ed. by T. Sutt et al., 325
Footprints of the Forest: Ka'apor Ethnobotany—The Historical Ecology of Plant Utilization by an Amazonian People, by W. Balée, 241
Forbes, J. M., and J. France (eds.), Quantitative Aspects of Ruminant Digestion and Metabolism, 90
Forbes, V. E., and T. L. Forbes, Ecotoxicology in Theory and Practice, 98
Ford, B. J., Images of Science: A History of Scientific Illustration, 61
Formation and Regeneration of Nerve Connections, ed. by S. C. Sharma and J. W. Fawcett, 243
Foundations of Neuroscience, by M. Jacobson, 243
Fractal Modelling: Growth and Form in Biology, by J. A. Kaandorp, 124
Fractals: A User's Guide for the Natural Sciences, by H. M. Hastings and G. Sugihara, 124
Fractals in Science, ed. by A. Bunde and S. Havlin, 261
Fralish, J. S., et al. (eds.), John T. Curtis: Fifty Years of Wisconsin Plant Ecology, 356
Frank, R. D. (ed.), Journal of Agricultural & Food Information, Vol. 1, No. 1 (1993), 100
Franks, F. (ed.), Protein Biotechnology: Isolation, Characterization, and Stabilization, 214
Fraser, N. C., and H.-D. Sues (eds.), In the Shadow of the Dinosaurs: Early Mesozoic Tetrapods, 502
Frazer, A., et al. (eds.), Biological Bases of Brain Function and Disease, 107
Freedman, B., Environmental Ecology: The Ecological Effects of Pollution, Disturbance, and Other Stresses, 2nd ed., 241
Freeman III, A. M., The Measurement of Environmental and Resource Values: Theory and Methods, 97
French, M., Invention and Evolution: Design in Nature and Engineering, 2nd ed., 548
Freshwater Crayfish Aquaculture in North America, Europe, and Australia: Families Astacidae, Cambaridae, and Parastacidae, ed. by J. V. Huner, 95

Freshwater Pearl Mussels and Their Relationships with Salmonid Fish, by V. Ziuganov et al., 233
From a Biological Point of View: Essays in Evolutionary Philosophy, by E. Sober, 325
From Coastal Wilderness to Fruited Plain: A History of Environmental Change in Temperate North America, 1500 to the Present, by G. G. Whitney, 531
Fukuda, M., and A. Kobata (eds.), Glycobiology: A Practical Approach, 216
Functional Dynamics of Phytophagous Insects, ed. by T. N. Ananthakrishnan, 347
Functional Neural Transplantation, ed. by S. B. Dunnett and A. Björklund, 245
Fungal Physiology, by D. H. Griffin, 2nd ed., 344
Furman, C. S., Turning Point: The Myths and Realities of Menopause, 366
Futuyma, D. J., Science on Trial: The Case for Evolution, 509
Fuzzy Thinking: The New Science of Fuzzy Logic, by B. Kosko, 210

Gagné, R. J., The Gall Midges of the Neotropical Region, 227
Gall Midges of the Neotropical Region, by R. J. Gagné, 227
Galston, A. W., Life Processes of Plants, 213
Garden in the Machine: The Emerging Science of Artificial Life, by C. Emmeche (transl. by S. Sampson), 122
Gastrointestinal and Hepatic Immunology, ed. by R. V. Heatley, 544
Genes, Crops and the Environment, by J. Holden et al., 342
Genes V, by B. Lewin, 218
Gene Targeting: A Practical Approach, ed. by A. L. Joyner, 340
GenEthics: Technological Intervention in Human Reproduction as a Philosophical Problem, by K. Bayertz (transl. by S. L. Kirkby), 500
Genetics and Medicine in the United States: 1800 to 1922, by A. R. Rushton, 497
Genetic Variation and Human Disease: Principles and Evolutionary Approaches, by K. M. Weiss, 76
Geographical Population Analysis: Tools for the Analysis of Biodiversity, by B. A. Maurer, 356
Gianaroli, L., et al. (eds.), Implantation in Mammals, 221
Gibert, J., et al. (eds.), Groundwater Ecology, 527
Gilbert, S. F., Developmental Biology, 4th ed., 220
Gilders, M. A., Reflections of a Whale Watcher, 526
Gilgen, R., Pflanzensoziologisch-ökologische Untersuchungen an Schlagfluren im schweizerischen Mittelland über Würmmoränen, 83
Giller, P. S., et al. (eds.), Aquatic Ecology: Scale, Pattern and Process, 528
Glantz, S. A., Primer of Biostatistics, 3rd ed., 262
Glasser, S. R., et al. (eds.), Endocrinology of Embryo-Endometrium Interactions, 512
Global Ecology: Environmental Change and Social Flexibility, by V. Smil, 239
Glycobiology: A Practical Approach, ed. by M. Fukuda and A. Kobata, 216
Goldblatt, P., The Woody Iridaceae: *Nivenia, Klattia* & *Witsenia*: Systematics, Biology & Evolution, 84
Golley, F. B., A History of the Ecosystem Concept in Ecology: More than the Sum of the Parts, *lead review* , 205
Goodfellow, M., and A. G. O'Donnell (eds.), Chemical Methods in Prokaryotic Systematics, 222
Gould, J. L., and C. G. Gould, The Animal Mind, 361
Graham, L. E., Origin of Land Plants, 82
GraphPad Software, InPlot: Scientific Graphics and Curve Fitting, Version 4.04, *software*, 554
Graves, D. J., et al., Co- and Post-Translational Modification of Proteins: Chemical Principles and Biological Effects, 336
Greyson, R. I., The Development of Flowers, 80
Griffin, A. M., and H. G. Griffin (eds.), Computer Analysis of Sequence Data, Parts I and II, 506
Griffin, D. H., Fungal Physiology, 2nd ed., 344
Grishman, E., et al. (eds.), The Kidney in Collagen-Vascular Diseases, 374
Groeben, C. (ed.), Correspondence: Karl Ernst von Baer [1792–1876], Anton Dohrn [1840–1909], ed. by C. Groeben (transl. by C. Groeben and J. M. Oppenheimer), 60
Gross, P. R., and N. Levitt, Higher Superstition: The Academic Left and Its Quarrels with Science, 211
Groundwater Ecology, ed. by J. Gibert et al., 527
Groves, R. H. (ed.), Australian Vegetation, 2nd ed., 515

Growth Hormone and Insulin-Like Growth Factor I in Human and Experimental Diabetes, ed. by A. Flyvbjerg et al., 260

Hale, M. (ed.), Ecology in Education, 105
Hall, D. O., and K. K. Rao, Photosynthesis, 5th ed., 344
Halliday, T. (ed.), Animal Behavior, 109
Halliwell, B., and O. I. Aruoma (eds.), DNA and Free Radicals, 72
Handbook for Rhizobia: Methods in Legume-*Rhizobium* Technology, by P. Somasegaran and H. J. Hoben, 224
Handbook of Laboratory Animal Management and Welfare, by S. Wolfensohn and M. Lloyd, 349
Hanson, M. A., et al. (eds.), Fetus and Neonate: Physiology and Clinical Applications, Vol. 1 (The Circulation), 252
Hardie, D. G. (ed.), Protein Phosphorylation: A Practical Approach, 71
Harland, D., Killing Game: International Law and the African Elephant, 517
Harris, N., and K. J. Oparka (eds.), Plant Cell Biology: A Practical Approach, 224
Harrison, G. A. (ed.), Human Adaptation, 253
Harrison, R. G. (ed.), Hybrid Zones and the Evolutionary Process, 219
Hartley, D. A. (ed.), Cellular Interactions in Development: A Practical Approach, 73
Hastings, H. M., and G. Sugihara, Fractals: A User's Guide for the Natural Sciences, 124
Hayflick, L., How and Why We Age, 331
Heady, H. F., and R. D. Child, Rangeland Ecology and Management, 355
Health Effects of Low-Level Radiation, by S. Kondo, 250
Heatley, R. V. (ed.), Gastrointestinal and Hepatic Immunology, 544
Hecht, M. K., et al. (eds.), Evolutionary Biology, Vol. 28, 510
Hershler, R., A Review of the North American Freshwater Snail Genus *Pyrgulopsis* (Hydrobiidae), 233
Hewlett, M., Sangre de Cristo: A Novel of Science and Faith, 212
Higher Superstition: The Academic Left and Its Quarrels with Science, by P. R. Gross and N. Levitt, 211
High Frontier: Exploring the Tropical Rainforest Canopy, by M. W. Moffett, 355
Hilborn, R. C., Chaos and Nonlinear Dynamics: An Introduction for Scientists and Engineers, 261
Hill, R. S. (ed.), History of the Australian Vegetation: Cretaceous to Recent, 503
History and Geography of Human Genes, by L. L. Cavalli-Sforza et al., 321
History and Nomenclature of Avian Family-Group Names, by W. J. Bock, 230
History of Life, by R. Cowen, 2nd ed., 212
History of the Australian Vegetation: Cretaceous to Recent, ed. by R. S. Hill, 503
History of the Ecosystem Concept in Ecology: More than the Sum of the Parts, by F. B. Golley, *lead review*, 205
HIV Epidemiology: Models and Methods, ed. by A. Nicolosi, 115
Ho, P. Y., and F. P. Lisowski, Concepts of Chinese Science and Traditional Healing Arts: A Historical Review, 370
Hoffman, J. F., and P. De Weer (eds.), Annual Review of Physiology, Vol. 57 (1995), 373
Holden, J., Genes, Crops and the Environment, 342
Holliday, R., Understanding Ageing, 511
Hollyfield, J. G., et al. (eds.), Retinal Degeneration: Clinical and Laboratory Applications, 120
Hormiga, G., A Revision and Cladistic Analysis of the Spider Family Pimoidae (Araneoidea: Araneae), 88
Hormones, Sex, and Society: The Science of Physicology, by H. Nyborg, 538
Horner, J. R., and D. Lessem, The Complete *T. rex*: How Stunning New Discoveries are Changing Our Understanding of the World's Most Famous Dinosaur, 65
How and Why We Age, by L. Hayflick, 331
Hoy, J. B., et al., Dynamic Animal Movement Analyzer, *software*, 128
Hughes, N. C., Ontogeny, Intraspecific Variation, and Systematics of the Late Cambrian Trilobite, 334
Human Adaptation, ed. by G. A. Harrison, 253
Human Biodiversity: Genes, Race, and History, by J. Marks, 364
Human Brain Circulation: Functional Changes in Disease, ed. by R. D. Bevan and J. A. Bevan, 376
Human Genome Project: Deciphering the Blueprint of Heredity, ed. by N. G. Cooper, 362

Human Nature of Birds: A Scientific Discovery with Startling Implications, by T. X. Barber, 213
Human Population Genetics: A Centennial Tribute to J. B. S. Haldane, ed. by P. P. Majumder, 219
Humber, J. M., et al. (eds.), Physician-Assisted Death, *lead review*, 491
Huner, J. V. (ed.), Freshwater Crayfish Aquaculture in North America, Europe, and Australia: Families Astacidae, Cambaridae, and Parastacidae, 95
Hunt, J. H., and C. A. Nalepa (eds.), Nourishment and Evolution in Insect Societies, 226
Hunter, L. (ed.), Artificial Intelligence and Molecular Biology, 70
Hurst, J. W., Essays from the Heart, 327
Hybrid Zones and the Evolutionary Process, ed. by R. G. Harrison, 219
Hyde, J. E. (ed.), Protocols in Molecular Parasitology, 523
———, MacVector: Sequence Analysis Software, Version 4.1, *software*, 128
In the Shadow of the Dinosaurs: Early Mesozoic Tetrapods, ed. by N. C. Fraser and H.-D. Sues, 502
Into Africa, by C. Packer, 361
Introduction to Animal Parasitology, by J. D. Smyth, 3rd ed., 350
Introduction to Behavioural Ecology, by J. R. Krebs and N. B. Davies, 3rd ed., 536
Introduction to Genetic Engineering, by D. S. T. Nicholl, 508
Introduction to Modern Virology, by N. J. Dimmock and S. B. Primrose, 4th ed., 342
Invention and Evolution: Design in Nature and Engineering, by M. French, 2nd ed., 548
Ion Flux in Pulmonary Vascular Control, ed. by E. K. Weir et al., 119
Isaac, S., et al. (eds.), Aspects of Tropical Mycology, 82
Image and Brain: The Resolution of the Imagery Debate, by S. M. Kosslyn, 357
Images of Science: A History of Scientific Illustration, by B. J. Ford, 61
Imagining the Universe: A Visual Journey, by E. Packard, 332
Immunobiology: The Immune System in Health and Disease, by C. A. Janeway, Jr. and P. Travers, 257
Immunocytochemical Methods and Protocols, ed. by L. C. Javois, 216
Implantation in Mammals, ed. by L. Gianaroli et al., 221
Imura, H. (ed.), The Pituitary Gland, 2nd ed., 542
Indo-West Pacific Blenniid Fish Genus *Istiblennius* Reappraised: A Revision of *Istiblennius, Blenniella,* and *Paralticus*, New Genus, by V. G. Springer and J. T. Williams, 233
InPlot: Scientific Graphics and Curve Fitting, GraphPad Software, Version 4.04, *software*, 554
Insect Learning: Ecological and Evolutionary Perspectives, ed. by D. R. Papaj and A. C. Lewis, 110
Insulin Resistance, ed. by D. E. Moller, 119
Integrated Farming Systems in China: An Overview, by L. Wenhua, 99
International Biotechnologies, AssemblyLIGN: Sequence Assembly Software, *software*, 128
Jackson, C. E., Prideaux John Selby: A Gentleman Naturalist, 326
Jacobson, M., Foundations of Neuroscience, 243
Janeway, C. A., Jr., and P. Travers, Immunobiology: The Immune System in Health and Disease, 257
Javois, L. C. (ed.), Immunocytochemical Methods and Protocols, 216
Johnsgard, P. A., Arena Birds: Sexual Selection and Behavior, 247
Johnson, L. R. (ed.), Physiology of the Gastrointestinal Tract, 3rd ed., Vols. 1 and 2, 120
John T. Curtis: Fifty Years of Wisconsin Plant Ecology, ed. by J. S. Fralish et al., 356
Jones, R. L., et al. (eds.), Annual Review of Plant Physiology and Plant Molecular Biology, Vol. 46 (1995), 515
Journal of Agricultural & Food Information, ed. by R. D. Frank, Vol. 1, No. 1 (1993), 100
Journal of Nutrition in Recipe & Menu Development, ed. by M. A. Khan, Vol. 1, No. 1 (1994), 256
Joyner, A. L. (ed.), Gene Targeting: A Practical Approach, 340
Justice and the Human Genome Project, ed. by T. F. Murphy and M. A. Lappé, 324
Juvenile Primates: Life History, Development, and Behavior, ed. by M. E. Pereira and L. A. Fairbanks, 111

Kaandorp, J. A., Fractal Modelling: Growth and Form in Biology, 124
Kaplan, E. H., and M. L. Brandeau (eds.), Modeling the AIDS Epidemic: Planning, Policy, and Prediction, 123
Kaplan, L. J., and R. Tong, Controlling Our Reproductive Destiny: A Technological and Philosophical Perspective, 367
Kappeler, P. M., and J. U. Ganzhorn (eds.), Lemur Social Systems and Their Ecological Basis, 111
Keith, L. H. (ed.), Principles of Environmental Sampling, *software*, 269
Keller, L. (ed.), Queen Number and Sociality in Insects, 247
Khalfa, J. (ed.), What is Intelligence? The Darwin College Lectures, 121
Khan, M. A. (ed.), Journal of Nutrition in Recipe & Menu Development, Vol. 1, No. 1 (1994), 256
Kidney in Collagen-Vascular Diseases, ed. by E. Grishman et al., 374
Kielan-Jaworowska, Z., and P. P. Gambaryan, Postcranial Anatomy and Habits of Asian Multituberculate Mammals, 334
Killing Game: International Law and the African Elephant, by D. Harland, 517
Kim, K.-M., Explaining Scientific Consensus: The Case of Mendelian Genetics, 500
Kimmel, C. A., and J. Buelke-Sam (eds.), Developmental Toxicology, 2nd ed., 376
King, M., Species Evolution: The Role of Chromosome Change, 76
Kinney, J. M., and H. N. Tucker (eds.), Organ Metabolism and Nutrition: Ideas for Future Critical Care, 249
Kinsella, A. R., Colorectal Cancer: A Scientific Perspective, 121
Kirk, J. T. O., Light and Photosynthesis in Aquatic Ecosystems, 2nd ed., 352
Kiyono, H., and J. R. McGhee (eds.), Mucosal Immunology: Intraepithelial Lymphocytes, 120
Kjelleberg, S. (ed.), Starvation in Bacteria, 222
Knight, D. H., Mountains and Plains: The Ecology of Wyoming Landscapes, 354
Kobayashi, I., et al. (eds.), Structure, Formation and Evolution of Fossil Hard Tissues, 334
Kohn, A. J., and F. E. Perron, Life History and Biogeography: Patterns in *Conus*, 523
Kondo, S., Health Effects of Low-Level Radiation, 250
Kooijman, S. A. L. M., Dynamic Energy Budgets in Biological Systems: Theory and Applications in Ecotoxicology, 98
Korites, B. J., Computer Models for the Management of Renewable Resources, *software*, 553
Kornicker, L. S., Ostracoda (Myodocopina) of the SE Australian Continental Slope, Part 1, 233
Korth, W. W., The Tertiary Record of Rodents in North America, 68
Kosarev, A. N., and E. A. Yablonskaya, The Caspian Sea, 526
Kosko, B., Fuzzy Thinking: The New Science of Fuzzy Logic, 210
Kosslyn, S. M., Image and Brain: The Resolution of the Imagery Debate, 357
Kotsonis, F. N., et al. (eds.), Nutritional Toxicology, 116
Kovach, W. L., Multi-Variate Statistical Package, Version 2.1, *software*, 267
Krebs, J. R., and N. B. Davies, An Introduction to Behavioural Ecology, 3rd ed., 536
Krombein, K. V., and W. J. Pulawski, Biosystematic Studies of Ceylonese Wasps, XX: A Revision of *Tachysphex* Kohl, 1883, with Notes on Other Oriental Species (Hymenoptera: Sphecidae: Larrinae), 226
Kuiter, R. H., Coastal Fishes of South-Eastern Australia, 93
Kuper, A., The Chosen Primate: Human Nature and Cultural Diversity, 365
Kurjan, J., and B. L. Taylor (eds.), Signal Transduction: Prokaryotic and Simple Eukaryotic Systems, 338

Laboratory Manual for Anatomy and Physiology: With Cat Dissections, by P. J. Donnelly and G. A. Wistreich, 4th ed., 525
Laboratory Manual for Anatomy and Physiology: With Fetal Pig Dissections, by P. J. Donnelly and G. A. Wistreich, 525
Laboratory Studies of Vertebrate and Invertebrate Embryos: Guide and Atlas of Descriptive and Experimental Development, by G. C. Schoenwolf, 7th ed., 342
Lajtha, K., and R. H. Michener (eds.), Stable Isotopes in Ecology and Environmental Science, 532
Lake, C. L., and R. A. Moore (eds.), Blood: Hemostasis, Transfusion, and Alternatives in the Perioperative Period, 544
Large-Scale Ecology and Conservation Biology, ed. by P. J. Edwards et al., 238

La Selva: Ecology and Natural History of a Neotropical Rain Forest, ed. by L. A. McDade et al., 102
Lauffenburger, D. A., and J. J. Linderman, Receptors: Models for Binding, Trafficking, and Signaling, 72
Leather, S. R., et al., The Ecology of Insect Overwintering, 225
Le Boeuf, B. J., and R. M. Laws (eds.), Elephant Seals: Population Ecology, Behavior, and Physiology, 349
Lemur Social Systems and Their Ecological Basis, ed. by P. M. Kappeler and J. U. Ganzhorn, 111
Leslie, R. D. G. (ed.), Causes of Diabetes: Genetic and Environmental Factors, 367
Lewin, B., Genes V, 218
Lewington, R., and D. Streeter, The Natural History of the Oak Tree: An Intricate Visual Exploration of the Oak and Its Environment, 513
Lewis, D., and N. Carter (eds.), Voices from Africa: Local Perspectives on Conservation, 104
Lieberman, B. S., Evolution of the Trilobite Subfamily Proetinae Salter, 1864, and the Origin, Diversification, Evolutionary Affinity, and Extinction of the Middle Devonian Proetid Fauna of Eastern North America, 68
Life History and Biogeography: Patterns in *Conus*, by A. J. Kohn and F. E. Perron, 523
Life in the Cold: Ecological, Physiological, and Molecular Mechanisms, ed. by C. Carey et al., 85
Life Processes of Plants, by A. W. Galston, 213
Life: The Science of Biology, by W. K. Purves et al., 4th ed., 212
Light and Photosynthesis in Aquatic Ecosystems, by J. T. O. Kirk, 2nd ed., 352
Limits of Family Influence: Genes, Experience, and Behavior, by D. C. Rowe, 255
Lindee, M. S., Suffering Made Real: American Science and the Survivors at Hiroshima, 328
Lindsey, J. K., Models for Repeated Measurements, 262
Linn, S. M., et al. (eds.), Nucleases, 2nd ed., 504
Literature of Soil Science, ed. by P. McDonald, 100
Livrea, M. A., and G. Vidali (eds.), Retinoids: From Basic Science to Clinical Applications, 542
Lizard Ecology: Historical and Experimental Perspectives, ed. by L. J. Vitt and E. R. Pianka, 347
Lizard Man Speaks, by E. R. Pianka, 328
Lobban, C. S., and P. J. Harrison, Seaweed Ecology and Physiology, 353
LOGIT: A Supplementary Module for SYSTAT, by D. Steinberg and P. Colla, *software*, 382
LogXact: Logistic Regression Software Featuring Exact Methods, by Cytel Software, *software*, 127
LogXact-Turbo: Logistic Regression Software Featuring Exact Methods, by Cytel Software, *software*, 127
Long, J. A. (ed.), Palaeozoic Vertebrate Biostratigraphy and Biogeography, 69
Lorenz, E. N., The Essence of Chaos, 260
Loughlin, T. R. (ed.), Marine Mammals and the *Exxon Valdez*, 529
Lovett, J. C., and S. K. Wasser (eds.), Biogeography and Ecology of the Rain Forests of Eastern Africa, 103
Lowenstein, J., Acid and Basics, 375
Lyman, R. L., Vertebrate Taphonomy, 334
Lysenko and the Tragedy of Soviet Science, by V. N. Soyfer (transl. by L. Gruliow and R. Gruliow), 209

MacPhee, R. D. E., Morphology, Adaptations, and Relationships of *Plesiorycteropus*, and a Diagnosis of a New Order of Eutherian Mammals, 90
MacVector: Sequence Analysis Software, by International Biotechnologies, Version 4.1, *software*, 128
Maestroni, G. J. M. (eds.), Advances in Pineal Research, Vol. 7, 246
Majumder, P. P. (ed.), Human Population Genetics: A Centennial Tribute to J. B. S. Haldane, 219
Mammals of Colorado, by J. P. Fitzgerald et al., 518
Mammals of the South-West Pacific & Moluccan Islands, by T. Flannery, 520
Mammal Species of the World: A Taxonomic and Geographic Reference, ed. by D. E. Wilson and D. M. Reeder, 2nd ed., 89
Mange, E. J., and A. P. Mange, Basic Human Genetics, 74
Manual of Nerve Conduction Velocity and Clinical Neurophysiology, by J. A. DeLisa et al., 3rd ed., 245

Man Who Tasted Shapes: A Bizarre Medical Mystery Offers Revolutionary Insights into Emotions, Reasoning, and Consciousness, by R. E. Cytowic, 370
Marine Mammals and the *Exxon Valdez*, ed. by T. R. Loughlin, 529
Marine Rocky Shores and Community Ecology: An Experimentalist's Perspective, by R. T. Paine, 353
Marks, J., Human Biodiversity: Genes, Race, and History, 364
Martens, Sables, and Fishers: Biology and Conservation, ed. by S. W. Buskirk et al., 230
Martin, P., and P. Bateson, Measuring Behaviour: An Introductory Guide, 2nd ed., 247
Maurer, B. A., Geographical Population Analysis: Tools for the Analysis of Biodiversity, 356
Maxwell, K., The Sex Imperative: An Evolutionary Tale of Sexual Survival, 64
McDade, L. A., et al. (eds.), La Selva: Ecology and Natural History of a Neotropical Rain Forest, 102
McDonald, P. (ed.), The Literature of Soil Science, 100
McGowan, C., Diatoms to Dinosaurs: The Size and Scale of Living Things, 502
McGraw-Hill Concise Encyclopedia of Science & Technology, ed. by S. P. Parker, 3rd ed., 263
McMichael, A. J., Planetary Overload: Global Environmental Change and the Health of the Human Species, 248
Means, A. R. (ed.), Calcium Regulation of Cellular Function, 506
Measurement of Environmental and Resource Values: Theory and Methods, by A. M. Freeman III, 97
Measuring Behaviour: An Introductory Guide, by P. Martin and P. Bateson, 2nd ed., 247
Meffe, G. K., Principles of Conservation Biology, 238
Meikle, W. E., and S. T. Parker, Naming Our Ancestors: An Anthology of Hominid Taxonomy, 114
Membrane Protein Structure: Experimental Approaches, ed. by S. H. White, 505
Metal Ions in Biological Systems, ed. by H. Sigel and A. Sigel, Vol. 30 (Metalloenzymes involving Amino Acid-Residue and Related Radicals), 505
Metazoa: Vanishing Kingdom, by K. B. Clark, Version 2.2, *software*, 270
Methanogenesis: Ecology, Physiology, Biochemistry & Genetics, ed. by J. G. Ferry, 80
Method in Ecology: Strategies for Conservation, by K. S. Shrader-Frechette and E. D. McCoy, 96
Methods in Cell Biology, ed. by J. M. Scholey, Vol. 39 (Motility Assays for Motor Proteins), 217
Methods in Cell Biology, ed. by R. Nuccitelli, Vol. 40 (A Practical Guide to the Study of Calcium in Living Cells), 507
Methods of Multivariate Analysis, by A. C. Rencher, 549
Meyer, W. B., and B. L. Turner II (eds.), Changes in Land Use and Land Cover: A Global Perspective, 533
Michener, C. D., et al., The Bee Genera of North and Central America (Hymenoptera: Apoidea), 87
Microalgae: Biotechnology and Microbiology, by E. W. Becker, 350
MicroCal Software, Origin, Version 3.5, *software*, 268
Miracle under the Oaks: The Revival of Nature in America, by W. K. Stevens, 529
Mittler, T. E., et al. (eds.), Annual Review of Entomology, Vol. 40 (1995), 346
Modeling the AIDS Epidemic: Planning, Policy, and Prediction, ed. by E. H. Kaplan and M. L. Brandeau, 123
Models for Repeated Measurements, by J. K. Lindsey, 262
Modernist Impulses in the Human Sciences: 1870–1930, ed. by D. Ross, 498
Moffett, M. W., The High Frontier: Exploring the Tropical Rainforest Canopy, 355
Molecular and Antibody Probes in Diagnosis, ed. by M. R. Walker and R. Rapley, 504
Molecular and Cellular Biology, by S. L. Wolfe, 338
Molecular Basis of Smell and Taste Transduction, ed. by D. Chadwick et al., 358
Molecular Biology of Diabetes, ed. by B. Draznin and D. LeRoith, Vol. II (Insulin Action, Effects on Gene Expression and Regulation, and Glucose Transport), 337
Molecular Biology of Membranes: Structure and Function, by H. R. Petty, 70
Molecular Mechanisms of the Immune Response, ed. by W. F. Bodmer and M. J. Owen, 373
Møller, A. P., Sexual Selection and the Barn Swallow, 347
Moller, D. E. (ed.), Insulin Resistance, 119

Møller, M., and P. Pévet (eds.), Advances in Pineal Research, Vol. 8, 358
Monitoring Genetically Manipulated Microorganisms in the Environment, ed. by C. Edwards, 81
Moral Animal: Evolutionary Psychology and Everyday Life, by R. Wright, *lead review*, 53
Morimoto, R. I., et al. (eds.), The Biology of Heat Shock Proteins and Molecular Chaperones, 336
Morphology, Adaptations, and Relationships of *Plesiorycteropus*, and a Diagnosis of a New Order of Eutherian Mammals, by R. D. E. MacPhee, 90
Morrison, H. (ed.), Biological Applications of Photochemical Switches, 216
Morse, S. S. (ed.), The Evolutionary Biology of Viruses, 78
Mortensen, E., et al. (eds.), Nutrient Dynamics and Biological Structure in Shallow Freshwater and Brackish Lakes, 351
Mountains and Plains: The Ecology of Wyoming Landscapes, by D. H. Knight, 354
Mucosal Immunology: Intraepithelial Lymphocytes, ed. by H. Kiyono and J. R. McGhee, 120
Mukherjee, A. S., et al. (eds.), Proceedings of the Zoological Society, 228
Multi-Variate Statistical Package, by W. L. Kovach, Version 2.1, *software*, 267
Murphy, T. F., and M. A. Lappé (eds.), Justice and the Human Genome Project, 324
Murray, A., and T. Hunt, The Cell Cycle: An Introduction, 217
My Own Country: A Doctor's Story of a Town and Its People in the Age of AIDS, by A. Verghese, 117

Naming Our Ancestors: An Anthology of Hominid Taxonomy, by W. E. Meikle and S. T. Parker, 114
Natural History of the Oak Tree: An Intricate Visual Exploration of the Oak and Its Environment, by R. Lewington and D. Streeter, 513
Naturalist in Florida: A Celebration of Eden, by A. Carr; ed. by M. H. Carr, 62
Naturalist's Guide to the Arctic, by E. C. Pielou, 501
Nature as Landscape: Dwelling and Understanding, by K. E. Von Maltzahn, 330
Nechitailo, G. S., and A. L. Mashinsky, Space Biology: Studies at Orbital Stations (transl. by N. Lyubimov), 513
Neel, J. V., Physician to the Gene Pool: Genetic Lessons and Other Stories, 75
Nelson, D. L., and B. Brownstein (eds.), YAC Libraries: A User's Guide, 335
Nelson, J. S., Fishes of the World, 3rd ed., 232
Neural Activity and the Growth of the Brain, by D. Purves, 107
Neural Tube Defects, ed. by G. Bock and J. Marsh, 541
Neurobehavioral Toxicity: Analysis and Interpretation, ed. by B. Weiss and J. L. O'Donoghue, 535
Nicholl, D. S. T., An Introduction to Genetic Engineering, 508
Nicolosi, A. (ed.), HIV Epidemiology: Models and Methods, 115
Nierhaus, K. H., et al. (eds.), The Translational Apparatus: Structure, Function, Regulation, Evolution, 215
Nieuwkoop, P. D., and J. Faber (eds.), Normal Table of *Xenopus laevis* (Daudin): A Systematical and Chronological Survey of the Development from the Fertilized Egg Till the End of Metamorphosis, 342
Niklas, K. J., Plant Allometry: The Scaling of Form and Process, 343
Nitrogen Management in Irrigated Agriculture, by R. S. Rauschkolb and A. G. Hornsby, 532
Nobel, P. S., Remarkable Agaves and Cacti, 85
Normal Table of *Xenopus laevis* (Daudin): A Systematical and Chronological Survey of the Development from the Fertilized Egg Till the End of Metamorphosis, ed. by P. D. Nieuwkoop and J. Faber, 342
Norrby, E., et al. (eds.), Vaccines 94: Modern Approaches to New Vaccines Including Prevention of AIDS, 257
Nourishment and Evolution in Insect Societies, ed. by J. H. Hunt and C. A. Nalepa, 226
Nowak, R. M., Walker's Bats of the World, 517
Nuccitelli, R. (ed.), Methods in Cell Biology, Vol. 40 (A Practical Guide to the Study of Calcium in Living Cells), 507
Nucleases, ed. by S. M. Linn et al., 2nd ed., 504
Nutrient Dynamics and Biological Structure in Shallow Freshwater and Brackish Lakes, ed. by E. Mortensen et al., 351

Nutrient Requirements of Laboratory Animals, by the Subcommittee on Laboratory Animal Nutrition et al., 4th rev. ed., 524
Nutritional Toxicology, ed. by F. N. Kotsonis et al., 116
Nyborg, H., Hormones, Sex, and Society: The Science of Physicology, 538

Oecophorine Genera of Australia, by I. F. B. Common, 225
Ogden, T. E., and I. A. Goldberg, Research Proposals: A Guide to Success, 2nd ed., 548
Olby, R., The Path to the Double Helix: The Discovery of DNA, 219
Onipchenko, V. G., and M. S. Blinnikov (eds.), Experimental Investigation of Alpine Plant Communities in the Northwestern Caucasus, 84
Ono, T., et al. (eds.), Brain Mechanisms of Perception and Memory: From Neuron to Behavior, 246
Ontogeny, Intraspecific Variation, and Systematics of the Late Cambrian Trilobite, by N. C. Hughes, 334
Orchid Paintings of Franz Bauer, by J. Stewart and W. T. Stearn, 514
Organ Metabolism and Nutrition: Ideas for Future Critical Care, ed. by J. M. Kinney and H. N. Tucker, 249
Origin, by MicroCal Software, Version 3.5, *software*, 268
Origin of Land Plants, by L. E. Graham, 82
Origins and Development of High Ability, ed. by G. R. Bock and K. Ackrill, 254
Ostracoda (Myodocopina) of the SE Australian Continental Slope, by L. S. Kornicker, Part 1, 233
Outer Reaches of Life, by J. Postgate, 66

Packard, E., Imagining the Universe: A Visual Journey, 332
Packer, C., Into Africa, 361
Page, C. P., and W. J. Metzger (eds.), Drugs and the Lung, 249
Paine, R. T., Marine Rocky Shores and Community Ecology: An Experimentalist's Perspective, 353
Palaeozoic Vertebrate Biostratigraphy and Biogeography, ed. by J. A. Long, 69
Paleobiology of the Neoproterozoic Svanbergfjellet Formation, Spitsbergen, by N. J. Butterfield et al., 334
Panchen, A., Evolution, 339
Papaj, D. R., and A. C. Lewis (eds.), Insect Learning: Ecological and Evolutionary Perspectives, 110
Parker, M. G. (ed.), Steroid Hormone Action, 71
Parker, S. P. (ed.), McGraw-Hill Concise Encyclopedia of Science & Technology, 3rd ed., 263
Parker, S. T., et al. (eds.), Self-Awareness in Animals and Humans: Developmental Perspectives, 359
Pascualy, R. A., and S. W. Soest, Snoring and Sleep Apnea: Personal and Family Guide to Diagnosis and Treatment, 542
Path to the Double Helix: The Discovery of DNA, by R. Olby, 219
Paul, S. (ed.), Antibody Engineering Protocols, 504
Paul, W. E., et al. (eds.), Annual Review of Immunology, Vol. 13 (1995), 544
Pennington, M. W., and B. M. Dunn (eds.), Peptide Synthesis Protocols, Vol. 35, 215
Peptide Analysis Protocols, ed. by B. M. Dunn and M. W. Pennington, Vol. 36, 215
Peptide Synthesis Protocols, ed. by M. W. Pennington and B. M. Dunn, Vol. 35, 215
Pereira, M. E., and L. A. Fairbanks (eds.), Juvenile Primates: Life History, Development, and Behavior, 111
Perilous Knowledge: The Human Genome Project and Its Implications, by T. Wilkie, *lead review*, 57
Perspectives on Biodiversity: Case Studies of Genetic Resource Conservation and Development, ed. by C. S. Potter et al., 106
Petty, H. R., Molecular Biology of Membranes: Structure and Function, 70
Pflanzensoziologisch-ökologische Untersuchungen an Schlagfluren im schweizerischen Mittelland über Würmmoränen, by R. Gilgen, 83
Phenotypic Mapping of Down Syndrome and Other Aneuploid Conditions, ed. by C. J. Epstein, 364
Photosynthesis, by D. O. Hall and K. K. Rao, 5th ed., 344
Phylogenetic Systematics of the Hesperocyoninae (Carnivora: Canidae), by X. Wang, 230
Phylogeny and Classification of the Orchid Family, by R. L. Dressler, 84

Physician-Assisted Death, ed. by J. M. Humber et al., *lead review*, 491
Physician to the Gene Pool: Genetic Lessons and Other Stories, by J. V. Neel, 75
Physiology by Numbers: An Encouragement to Quantitative Thinking, by R. F. Burton, 63
Physiology of the Gastrointestinal Tract, ed. by L. R. Johnson, 3rd ed., Vols. 1 and 2, 120
Pianka, E. R., The Lizard Man Speaks, 328
Pickett, S. T. A., et al., Ecological Understanding, 235
Pielou, E. C., A Naturalist's Guide to the Arctic, 501
Pituitary Gland, ed. by H. Imura, 2nd ed., 542
Planetary Overload: Global Environmental Change and the Health of the Human Species, by A. J. McMichael, 248
Plant Allometry: The Scaling of Form and Process, by K. J. Niklas, 343
Plant-Animal Interactions in Mediterranean-Type Ecosystems, ed. by M. Arianoutsou and R. H. Groves, 102
Plant Cell Biology: A Practical Approach, ed. by N. Harris and K. J. Oparka, 224
Plant Cell Culture: A Practical Approach, ed. by R. A. Dixon and R. A. Gonzales, 2nd ed., 516
Plant Galls: Organisms, Interactions, Populations, ed. by M. A. J. Williams, 517
Pleasure, The Politics and the Reality, ed. by D. M. Warburton, 62
Pombo, M., and R. G. Rosenfeld (eds.), Two Decades of Experience in Growth, 116
Porter, R. (ed.), The Biographical Dictionary of Scientists, 2nd ed., 498
Postcranial Anatomy and Habits of Asian Multituberculate Mammals, by Z. Kielan-Jaworowska and P. P. Gambaryan, 334
Postgate, J., The Outer Reaches of Life, 66
Potter, C. S., et al. (eds.), Perspectives on Biodiversity: Case Studies of Genetic Resource Conservation and Development, 106
Power Unseen: How Microbes Rule the World, by B. Dixon, 80
Practical Flow Cytometry, by H. M. Shapiro, 3rd ed., 338
Practical Guide to Environmental Impact Assessment, by P. A. Erickson, 533
Practice of Peptide Synthesis, by M. Bodanszky and A. Bodanszky, 2nd ed., 337
Prideaux John Selby: A Gentleman Naturalist, by C. E. Jackson, 326
Primate Behaviour: Information, Social Knowledge, and the Evolution of Culture, by D. Quiatt and V. Reynolds, 112
Primer of Biostatistics, by S. A. Glantz, 3rd ed., 262
Principles of Cellular and Molecular Immunology, by J. M. Austyn and K. J. Wood, 256
Principles of Conservation Biology, by G. K. Meffe et al., 238
Principles of Environmental Sampling, ed. by L. H. Keith, *software*, 269
PROBIT: A Supplementary Module for SYSTAT and SYGRAPH, by D. Steinberg, *software*, 382
Proceedings of the Zoological Society, ed. by A. S. Mukherjee et al., 228
Proctor, R. N., Cancer Wars: How Politics Shapes What We Know and Don't Know About Cancer, 537
Protein Biotechnology: Isolation, Characterization, and Stabilization, ed. by F. Franks, 214
Protein Metabolism during Infancy, ed. by N. C. R. Räihä, 367
Protein Phosphorylation: A Practical Approach, ed. by D. G. Hardie, 71
Prothero, D. R., The Eocene-Oligocene Transition: Paradise Lost, 332
Protocols in Molecular Parasitology, ed. by J. E. Hyde, 523
Przewalski's Horse: The History and Biology of an Endangered Species, ed. by L. Boyd and K. A. Houpt, 231
Psychopharmacology: The Fourth Generation of Progress, ed. by F. E. Bloom and D. J. Kupfer, 358
Purves, D., Neural Activity and the Growth of the Brain, 107
Purves, W. K., et al., Life: The Science of Biology, 4th ed., 212
Pyrethrum Flowers: Production, Chemistry, Toxicology, and Uses, ed. by J. E. Casida and G. B. Quistad, 516

Quantitative Aspects of Ruminant Digestion and Metabolism, ed. by J. M. Forbes and J. France, 90
Quantitative Ecology: Spatial and Temporal Scaling, by D. C. Schneider, 124
Quantitative Genetic Studies of Behavioral Evolution, ed. by C. R. B. Boake, 339
Quaternary Insects and Their Environments, by S. A. Elias, 68

Queen Number and Sociality in Insects, ed. by L. Keller, 247
Quiatt, D., and V. Reynolds, Primate Behaviour: Information, Social Knowledge, and the Evolution of Culture, 112

Räihä, N. C. R. (ed.), Protein Metabolism during Infancy, 367
RAMAS/metapop: Viability Analysis for Stage-Structured Metapopulations, by H. R. Akçakaya, *software*, 381
Rangeland Ecology and Management, by H. F. Heady and R. D. Child, 355
Rauschkolb, R. S., and A. G. Hornsby, Nitrogen Management in Irrigated Agriculture, 532
Receptors: Models for Binding, Trafficking, and Signaling, by D. A. Lauffenburger and J. J. Linderman, 72
Reflections of a Whale Watcher, by M. A. Gilders, 526
Regulation and Control Mechanisms in Biological Systems, by V. S. Vaidhyanathan, 329
Remarkable Agaves and Cacti, by P. S. Nobel, 85
Rencher, A. C., Methods of Multivariate Analysis, 549
Reproduction, Larval Biology, and Recruitment of the Deep-Sea Benthos, ed. by C. M. Young and K. J. Eckelbarger, 94
Reproductive Biology of Invertebrates, ed. by K. G. Adiyodi and R. G. Adiyodi, Vol. VI, Part A (Asexual Propagation and Reproductive Strategies), 341
Reproductive Immunology, ed. by F. Dondero and P. M. Johnson, 118
Reproductive Toxicology, ed. by R. J. Witorsch, 2nd ed., 258
Research Proposals: A Guide to Success, by T. E. Ogden and I. A. Goldberg, 2nd ed., 548
Retinal Degeneration: Clinical and Laboratory Applications, ed. by J. G. Hollyfield et al., 120
Retinoids: From Basic Science to Clinical Applications, ed. by M. A. Livrea and G. Vidali, 542
Review of the North American Freshwater Snail Genus *Pyrgulopsis* (Hydrobiidae), by R. Hershler, 233
Revision and Cladistic Analysis of the Spider Family Pimoidae (Araneoidea: Araneae), by G. Hormiga, 88
Rheinheimer, G., Aquatic Microbiology (transl. by N. Walker), 4th ed., 352
Richard Owen: Victorian Naturalist, by N. A. Rupke, 326
Richardson, C. C., et al. (eds.), Annual Review of Biochemistry, Vol. 64 (1995), 505
Ricklefs, R. E., and D. Schluter (eds.), Species Diversity in Ecological Communities: Historical and Geographical Perspectives, 234
Ridgely, R. S., and G. Tudor, The Birds of South America, Vol. II, 229
Ridley, M., Animal Behavior: An Introduction to Behavioral Mechanisms, Development, and Ecology, 2nd ed., 360
———, Evolution, 509
River Out of Eden: A Darwinian View of Life, by R. Dawkins, 330
Robinson, G. S., and E. S. Nielsen, Tineid Genera of Australia (Lepidoptera), 86
Rohde, K., Ecology of Marine Parasites: An Introduction to Marine Parasitology, 2nd ed., 91
Ross, D. (ed.), Modernist Impulses in the Human Sciences: 1870 -1930, 498
Rowe, D. C., The Limits of Family Influence: Genes, Experience, and Behavior, 255
Rowe, G., Theoretical Models in Biology: The Origin of Life, the Immune System, and the Brain, 329
Rowe, T., et al., Thrinaxodon: Digital Atlas of the Skull, *software*, 129
Runaway Brain: The Evolution of Human Uniqueness, by C. Wills, 113
Rundel, P. W., et al. (eds.), Tropical Alpine Environments: Plant Form and Function, 532
Rupke, N. A., Richard Owen: Victorian Naturalist, 326
Rushton, A. R., Genetics and Medicine in the United States: 1800 to 1922, 497

Salanki, J., et al. (eds.), Biological Monitoring of the Environment: A Manual of Methods, 238
Sanders, J. B., Biological Microtechnique, 258
Sangre de Cristo: A Novel of Science and Faith, by M. Hewlett, 212
Satoh, N., Developmental Biology of Ascidians, 79
Scaling Fisheries: The Science of Measuring the Effects of Fishing, 1855–1955, by T. D. Smith, 233
Scheiner, S. M., and J. Gurevitch (eds.), Design and Analysis of Ecological Experiments, 96

Schindewolf, O. H., Basic Questions in Paleontology: Geologic Time, Organic Evolution, and Biological Systematics (transl. by J. Schaefer), 66
Schneider, D. C., Quantitative Ecology: Spatial and Temporal Scaling, 124
Schoenwolf, G. C., Laboratory Studies of Vertebrate and Invertebrate Embryos: Guide and Atlas of Descriptive and Experimental Development, 7th ed., 342
Scholes, R. J., and B. H. Walker, An African Savanna: Synthesis of the Nylsvley Study, 104
Scholey, J. M. (ed.), Methods in Cell Biology, Vol. 39 (Motility Assays for Motor Proteins), 217
Schwartzkroin, P. A., (ed.), Epilepsy: Models, Mechanisms, and Concepts, 372
Science on Trial: The Case for Evolution, by D. J. Futuyma, 509
Seasonality and Human Ecology, ed. by S. J. Ulijaszek and S. S. Strickland, 538
Seaweed Ecology and Physiology, by C. S. Lobban and P. J. Harrison, 353
Seeds: Physiology of Development and Germination, by J. D. Bewley and M. Black, 2nd ed., 223
Seigel, R. A., and J. T. Collins, Snakes: Ecology and Behavior, 228
Self-Awareness in Animals and Humans: Developmental Perspectives, ed. by S. T. Parker et al., 359
Sex Chromosomes and Sex Determination in Vertebrates, by A. J. Solari, 508
Sex Imperative: An Evolutionary Tale of Sexual Survival, by K. Maxwell, 64
Sex Origin and Evolution, ed. by R. Dallai, 78
Sexual Selection, by M. Andersson, 77
Sexual Selection and the Barn Swallow, by A. P. Møller, 347
Shapiro, H. M., Practical Flow Cytometry, 3rd ed., 338
Shapley, R., and D. M.-K. Lam (eds.), Contrast Sensitivity, 109
Sharma, S. C., and J. W. Fawcett (eds.), Formation and Regeneration of Nerve Connections, 243
Shrader-Frechette, K. S., and E. D. McCoy, Method in Ecology: Strategies for Conservation, 96
Shuler, M. L., et al. (eds.), Baculovirus Expression Systems and Biopesticides, 347
Sick, H., Birds in Brazil: A Natural History (transl. by W. Belton), 521
Sickle Cell Disease: Basic Principles and Clinical Practice, ed. by S. H. Embury et al., 541
Sigel, H., and A. Sigel (eds.), Metal Ions in Biological Systems, Vol. 30 (Metalloenzymes involving Amino Acid-Residue and Related Radicals), 505
Signal Transduction: Prokaryotic and Simple Eukaryotic Systems, ed. by J. Kurjan and B. L. Taylor, 338
Sinden, R. R., DNA Structure and Function, 508
Sinsheimer, R. L., The Strands of a Life: The Science of DNA and the Art of Education, 377
Skin of Some Ethiopian Ungulates, by V. E. Sokolov et al., 349
Skua and Penguin: Predator and Prey, by E. Young, 110
Slater, P. J. B., and T. R. Halliday (eds.), Behaviour and Evolution, 360
Smil, V., Global Ecology: Environmental Change and Social Flexibility, 239
Smith, C. J., et al. (eds.), Biochemical Mechanisms Involved in Plant Growth Regulation, 224
Smith, C. L., Fish Watching: An Outdoor Guide to Freshwater Fishes, 232
Smith, T. D., Scaling Fisheries: The Science of Measuring the Effects of Fishing, 1855–1955, 233
Smyth, J. D., Introduction to Animal Parasitology, 3rd ed., 350
Snakes: Ecology and Behavior, by R. A. Seigel and J. T. Collins, 228
Snoring and Obstructive Sleep Apnea, ed. by D. N. F. Fairbanks and S. Fujita, 2nd ed., 543
Snoring and Sleep Apnea: Personal and Family Guide to Diagnosis and Treatment, by R. A. Pascualy and S. W. Soest, 542
Sober, E., From a Biological Point of View: Essays in Evolutionary Philosophy, 325
Sokolov, V. E., et al., The Skin of Some Ethiopian Ungulates, 349
Solari, A. J., Sex Chromosomes and Sex Determination in Vertebrates, 508
Somasegaran, P., and H. J. Hoben, Handbook for Rhizobia: Methods in Legume-*Rhizobium* Technology, 224
Sonenshine, D. E., Biology of Ticks, Vol. 2, 227
Soyfer, V. N., Lysenko and the Tragedy of Soviet Science (transl. by L. Gruliow and R. Gruliow), 209

Space Biology: Studies at Orbital Stations, by G. S. Nechitailo and A. L. Mashinsky (transl. by N. Lyubimov), 513
Species Diversity in Ecological Communities: Historical and Geographical Perspectives, ed. by R. E. Ricklefs and D. Schluter, 234
Species Evolution: The Role of Chromosome Change, by M. King, 76
Sponges in Time and Space: Biology, Chemistry, Paleontology, ed. by R. W. M. van Soest et al., 95
Springer, V. G., and J. T. Williams, The Indo-West Pacific Blenniid Fish Genus *Istiblennius* Reappraised: A Revision of *Istiblennius, Blenniella,* and *Paralticus*, New Genus, 233
Spudich, J. A., et al. (eds.), Annual Review of Cell Biology, Vol. 10 (1994), 338
Stable Isotopes in Ecology and Environmental Science, ed. by K. Lajtha and R. H. Michener, 532
Staddon, J., Behaviorism: Mind, Mechanism and Society, 546
Standard of Care: The Law of American Bioethics, by G. J. Annas, 500
Standards for Data Collection from Human Skeletal Remains, ed. by J. E. Buikstra and D. H. Ubelaker, 539
Starr, J. M., and L. J. Whalley, ACE Inhibitors: Central Actions, 259
Starvation in Bacteria, ed. by S. Kjelleberg, 222
Steinberg, D., PROBIT: A Supplementary Module for SYSTAT and SYGRAPH, *software*, 382
Steinberg, D., and P. Colla, LOGIT: A Supplementary Module for SYSTAT, *software*, 382
———, and ———, SURVIVAL: A Supplementary Module for SYSTAT, *software*, 382
Stern, C. D., and P. W. H. Holland (eds.), Essential Developmental Biology: A Practical Approach, 73
Steroid Hormone Action, ed. by M. G. Parker, 71
Stevens, W. K., Miracle under the Oaks: The Revival of Nature in America, 529
Stewart, J., and W. T. Stearn, The Orchid Paintings of Franz Bauer, 514
Sthenurus (Macropodidae: Marsupialia) from the Pleistocene of Lake Callabonna, South Australia, by R. T. Wells and R. H. Tedford, 503
Strands of a Life: The Science of DNA and the Art of Education, by R. L. Sinsheimer, 377
Stroud, R. M., et al. (eds.), Annual Review of Biophysics and Biomolecular Structure, Vol. 24 (1995), 505
Structure, Formation and Evolution of Fossil Hard Tissues, ed. by I. Kobayashi et al., 334
Studies of White Whales (*Delphinapterus leucas*) and Narwhals (*Monodon monoceros*) in Greenland and Adjacent Waters, compiled and ed. by E. W. Born et al., 95
Subcommittee on Laboratory Animal Nutrition et al., Nutrient Requirements of Laboratory Animals, 4th rev. ed., 524
Suffering Made Real: American Science and the Survivors at Hiroshima, by M. S. Lindee, 328
SURVIVAL: A Supplementary Module for SYSTAT, by D. Steinberg and P. Colla, *software*, 382
Sutherland, S. K., Venomous Creatures of Australia: A Field Guide with Notes on First Aid, rev. ed., 518
Sutt, T., et al. (eds.), Folia Baeriana VI: Baer and Modern Biology, 325
Swallowtail Butterflies of the Americas: A Study in Biological Dynamics, Ecological Diversity, Biosystematics, and Conservation, by H. A. Tyler et al., 522
Symbiotic Interactions, by A. E. Douglas, 212
SYSTAT for Windows, by L. Wilkinson, Version 5.03, *software*, 382
Szalay, F. S., Evolutionary History of the Marsupials and an Analysis of Osteological Characters, 348

Tecplot: Interactive Data Visualization for Scientists & Engineers, by Amtec Engineering, Version 6.0, *software*, 382
Temple, N. J., and D. P. Burkitt (eds.), Western Diseases: Their Dietary Prevention and Reversibility, 366
Temptations of Evolutionary Ethics, by P. L. Farber, 210
Tertiary Record of Rodents in North America, by W. W. Korth, 68
Theoretical Models in Biology: The Origin of Life, the Immune System, and the Brain, by G. Rowe, 329
Thomas, J. A., and L. A. Myers (eds.), Biotechnology and Safety Assessment, 262
Thompson, L., Correcting the Code: Inventing the Genetic Cure for the Human Body, 324

Thomson, K. S., The Common but Less Frequent Loon and Other Essays, 63
Thrinaxodon: Digital Atlas of the Skull, by T. Rowe et al., *software*, 129
Tineid Genera of Australia (Lepidoptera), by G. S. Robinson and E. S. Nielsen, 86
Tiner, R. W., Field Guide to Coastal Wetland Plants of the Southeastern United States, 83
Tobach, E., and B. Rosoff (eds.), Challenging Racism and Sexism: Alternatives to Genetic Explanations, 546
Tomei, L. D., and F. O. Cope (eds.), Apoptosis II: The Molecular Basis of Apoptosis in Disease, 544
Translational Apparatus: Structure, Function, Regulation, Evolution, ed. by K. H. Nierhaus et al., 215
Trends in Cancer Incidence and Mortality, ed. by R. Doll et al., 368
Trimble, M. R., and W. E. Dodson (eds.), Epilepsy and Quality of Life, 539
Tropical Alpine Environments: Plant Form and Function, ed. by P. W. Rundel et al., 532
Tu, P. N. V., Dynamical Systems: An Introduction with Applications in Economics and Biology, 2nd ed., 549
Turning Point: The Myths and Realities of Menopause, by C. S. Furman, 366
Turtles of the United States and Canada, by C. H. Ernst et al., 521
Twilight of the Panther: Biology, Bureaucracy and Failure in an Endangered Species Program, by K. Alvarez, 91
Twins as a Tool of Behavioral Genetics, ed. by T. J. Bouchard, Jr. and P. Propping, 253
Two Decades of Experience in Growth, ed. by M. Pombo and R. G. Rosenfeld, 116
Tyler, H. A., et al., Swallowtail Butterflies of the Americas: A Study in Biological Dynamics, Ecological Diversity, Biosystematics, and Conservation, 522

Ulijaszek, S. J., and S. S. Strickland (eds.), Seasonality and Human Ecology, 538
Understanding Ageing, by R. Holliday, 511
Uses of Life: A History of Biotechnology, by R. Bud, 497

Vaccines 94: Modern Approaches to New Vaccines Including Prevention of AIDS, ed. by E. Norrby et al., 257
Vaidhyanathan, V. S., Regulation and Control Mechanisms in Biological Systems, 329
van Soest, R. W. M., et al. (eds.), Sponges in Time and Space: Biology, Chemistry, Paleontology, 95
Végétation et stations alpines sur serpentine près de Davos Würmmoränen, by B. Egger, 83
Venomous Creatures of Australia: A Field Guide with Notes on First Aid, by S. K. Sutherland, rev. ed., 518
Verghese, A., My Own Country: A Doctor's Story of a Town and Its People in the Age of AIDS, 117
Vertebrate Taphonomy, by R. L. Lyman, 334
Vision, Brain, and Behavior in Birds, ed. by H. P. Zeigler and H.-J. Bischof, 108
Vitt, L. J., and E. R. Pianka (eds.), Lizard Ecology: Historical and Experimental Perspectives, 347
Voices from Africa: Local Perspectives on Conservation, ed. by D. Lewis and N. Carter, 104
Von Maltzahn, K. E., Nature as Landscape: Dwelling and Understanding, 330

Waalkes, M. P., and J. M. Ward (eds.), Carcinogenesis, 121
Wainwright, P. C., and S. M. Reilly (eds.), Ecological Morphology: Integrative Organismal Biology, 241
Walker, M. R., and R. Rapley (eds.), Molecular and Antibody Probes in Diagnosis, 504
Walker's Bats of the World, by R. M. Nowak, 517
Wallsgrove, R. M. (ed.), Amino Acids and Their Derivatives in Higher Plants, 515
Wang, X., Phylogenetic Systematics of the Hesperocyoninae (Carnivora: Canidae), 230
Warburton, D. M. (ed.), Pleasure, The Politics and the Reality, 62
Ward's, Ward's Computer Clip Art: Plant Micro-Anatomy, *software*, 554
———, Ward's Computer Clip Art: Rat Anatomy, *software*, 554
Ward's Computer Clip Art: Plant Micro-Anatomy, Ward's, *software*, 554
Ward's Computer Clip Art: Rat Anatomy, Ward's, *software*, 554
Watson, R. R. (ed.), Addictive Behaviors in Women, 114
———. (ed.), Alcohol and Hormones, 370
Weiner, J., The Beak of the Finch: A Story of Evolution in Our Time, 545

Weiner, W. J., and A. E. Lang (eds.), Behavioral Neurology of Movement Disorders, 535
Weir, E. K., et al. (eds.), Ion Flux in Pulmonary Vascular Control, 119
Weiss, B., and J. L. O'Donoghue (eds.), Neurobehavioral Toxicity: Analysis and Interpretation, 535
Weiss, K. M., Genetic Variation and Human Disease: Principles and Evolutionary Approaches, 76
Wells, R. T., and R. H. Tedford, *Sthenurus* (Macropodidae: Marsupialia) from the Pleistocene of Lake Callabonna, South Australia, 503
Wenhua, L., Integrated Farming Systems in China: An Overview, 99
Western Diseases: Their Dietary Prevention and Reversibility, ed. by N. J. Temple and D. P. Burkitt, 366
What is Intelligence? The Darwin College Lectures, ed. by J. Khalfa, 121
Wheatley, N., Where to Watch Birds in South America, 520
Where to Watch Birds in South America, by N. Wheatley, 520
White, S. H. (ed.), Membrane Protein Structure: Experimental Approaches, 505
Whitney, G. G., From Coastal Wilderness to Fruited Plain: A History of Environmental Change in Temperate North America, 1500 to the Present, 531
Wildlife Ecology and Management, by E. G. Bolen and W. L. Robinson, 3rd ed., 356
Wilkie, T., Perilous Knowledge: The Human Genome Project and Its Implications, *lead review*, 57
Wilkinson, L., SYSTAT for Windows, Version 5.03, *software*, 382
Williams, D. F. (ed.), Exotic Ants: Biology, Impact, and Control of Introduced Species, 345
Williams, M. A. J. (ed.), Plant Galls: Organisms, Interactions, Populations, 517
Wills, C., The Runaway Brain: The Evolution of Human Uniqueness, 113
Wilson, D. E., and D. M. Reeder (eds.), Mammal Species of the World: A Taxonomic and Geographic Reference, 2nd ed., 89
Witorsch, R. J. (ed.), Reproductive Toxicology, 2nd ed., 258
Wolfe, S. L., Molecular and Cellular Biology, 338
Wolfensohn, S., and M. Lloyd, Handbook of Laboratory Animal Management and Welfare, 349
Woody Iridaceae: *Nivenia, Klattia & Witsenia*: Systematics, Biology & Evolution, by P. Goldblatt, 84
Wrangham, R. W., et al. (eds.), Chimpanzee Cultures, 358
Wright, R., The Moral Animal: Evolutionary Psychology and Everyday Life, *lead review*, 53

YAC Libraries: A User's Guide, ed. by D. L. Nelson and B. Brownstein, 335
Young, C. M., and K. J. Eckelbarger (eds.), Reproduction, Larval Biology, and Recruitment of the Deep-Sea Benthos, 94
Young, E., Skua and Penguin: Predator and Prey, 110

Zeigler, H. P., and H.-J. Bischof (eds.), Vision, Brain, and Behavior in Birds, 108
Ziuganov, V., et al., The Freshwater Pearl Mussels and Their Relationships with Salmonid Fish, 233

INDEX TO REVIEWERS OF BOOKS AND SOFTWARE: VOLUME 70 (1995)

Adkins-Regan, E., 538
Akçakaya, H. R., 356
Akin, E., 260
Allen, G. E., 324
Allen, L. S., 114
Aller, J., 94
Alvarez-Buylla, E., 355
Anderson, J., 504
Anderson, P. W., 259
Anderson, S., 349
Åqvist, J., 505
Arends, M. J., 544
Arntzen, J. W., 219
Arora, R. K., 342
Atwood, J. T., 84
Augee, M. L., 520
Ayala, F. J., 500 (2)

Bach, L., 260
Bai, T. R., 249
Bailey, M., 253, 255
Baker, J. A., 232
Balfour, D. J. K., 62
Barkan, E., 498
Barker, R. E., 497
Barlow, C., 330
Barton, G. J., 70
Battley, E. H., 80, 352
Bauer, W. R., 508
Beck, G., 338
Beer, C., 210, 546
Behki, R., 81
Bell, M. A., 232
Bernays, E., 347
Berrill, M., 95
Bicknese, A. R., 370
Bieler, R., 523
Blatter, L. A., 119
Block, S., 217
Bloor, C. M., 252
Borlongan, C. V. (with P. R. Sanberg), 245
Bossart, J. L., 522
Bouchard, T. J., Jr., 507
Boyce, M. S., 231
Breed, M. D., 247
Bronner-Fraser, M., 541
Brush, A. H., 108
Brusick, D., 262
Brussard, P. F., 533
Buscot, F., 212, 343

Cadet, J., 375
Cane, J. H., 87
Cantlon, J. E., 356
Carlson, A. D. (with G. D. Prestwich and G. C. Williams), 263
Carroll, S. P., 360
Cashdan, E., 371
Chiu, K., 367
Clausen, T., 63
Clement, C. R., 241
Cohen, B., 357
Collins, M., 218
Comfort, N. C., 377
Cooley, A. P., 348
Cort, R. P., 533
Coughenour, M. B., 354
Cover, S. P., 345
Cowden, R. R., 95
Crawley, M. J., 102
Cromartie, W. J., 98
Cummings, J. J., 259

Davidson, D., 217
Daw, N. W., 107
Dawkins, M. S., 213
Delihas, N., 222
Der Marderosian, A., 115, 516
Dirksen, E. R., 506
Dudley, R., 346
Duman, J. G., 225
Dunbar, R. I. M., 111
Duncan, P. S. (with S. M. Scheiner), 235
Dundee, H. A., 521
Durzan, D. J., 515

Eaglesham, A. R. J. (with R. W. F. Hardy), 224
Eaton, B., 368
Edelson, P. J., 497
Edwards, C. A., 100
Einon, D., 546
Ekstig, B., 122

Elias, J., 504
Elias, J. M., 258
Ellis, J., 336
Ellison, A. M., 62
Estabrook, G. F., 549
Evinger, M., 107
Ewald, P. W., 540

Fairbairn, D. J., 64
Falk, A., 548
Falkowski, P., 352
Fausto-Sterling, A., 254
Fiorillo, A. R., 67
Fish, F. E., 502
Fleagle, J. G., 90, 348
Fleming, T. H., 517
Foote, S., 335
Ford, N. B., 228
Fortin, M.-J., 124
Foster, S. A., 545
Fratkin, J. D., 376
Frei, L. W., 249

Galle, K., 210
Garbary, D. J., 82
Garber, E., 498
Gerard, V. A., 353
Gest, H., 66
Giebisch, G., 375
Gilbert, S., 60
Gilpin, M. (with G. J. Witteman), *software*, 381
Gingerich, P. D., 332
Glynn, P. W., 242
Gómez, L. D., 514
Gorman, M. L., 349
Grine, F. E., *software*, 129
Gross, C. G., 246
Grossman, M., 535

Haig, D., 512
Hairston, N. G., Jr., 526
Halperin, J. J., 245
Haltiwanger, R. S., 216
Hanson, E., 532
Harden, C. L., 372
Hardy, R. W. F. (with A. R. J. Eaglesham), 224
Hargrove, W. W., *software*, 269
Harpending, H., 113
Harvell, D., 341
Hecht, S. B., 106
Heitler, W. J., 534
Herness, S., 358
Heyner, S., 221
Hill, G. E., 347
Hilty, S. L., 521
Hodges, R. W., 225
Holmes, E. C., 78
Holmes, W., 111
Holtz, T. R., Jr., 65
Horvath, C. D., 339
Hosfield, G. L., 100
Howland, H. C., 109, 548
Hrdy, D. B., 117

Ibrahim, R. K., 116
Inchausti, P., 98
Ingerson, A. E., 529

Janke, S., 124, 261
Janson, C., 109
Janson, C. H., 89
Jarett, L., 337
Jennette, J. C., 374
Jensen, R. J., *software*, 267
Jewell, W. J., 527
Jiménez, J. A., 223
Johnson-Barnard, J., 238
Johnson, T. E., 331
Johnson, W. E., 359
Jorde, L. B., 219

Kapoor, A., 71
Kashgarian, M., 542
Katz, E. R., 73
Kear, J., 326
Keast, A., 89, 96, 104, 503, 515, 518, 519
Keiper, R. R., 231
Khan, A. A., 223
Kielland, K., 532
Kim, J., *software*, 382
Kimball, S. D., 373
King, C. M., 230
Kingsland, S., *lead review*, 205
Kirkpatrick, M., 77
Klein, R. G., 114
Kleinzeller, A., 60
Klitz, W., 76
Konopka, J., 338
Krauthamer, G. M., 243
Kretsinger, R. H., 507

Krikorian, A. D., 80, 224, 369, 513, 516, 517
Krinsky, W. L., 227
Kritchevsky, D., 366
Kryger, M. H., 542, 543

Labandeira, C. C., 68
Lambert, C. C. (with G. Lambert), 79
Lambert, G. (with C. C. Lambert), 79
Landin, K., 119
Lang, C. H., 524
Langenheim, J. H., 547
Leavitt, P., 351
Lee, W. R., 120
Lehman, J. D., *software*, 554
Leigh, S. R., *software*, 382
Leonard, J. L., 330
Levine, R. L., 367
Levinton, J., 66
Lindsey, Q. W., 537
Lipsitch, M., 123
Littlejohn, G., 84
Lodge, D., 528
London, E., 505
Loreau, M., 238
Lougheed, S. C., 520
Lyman, H., 344
Lyons, S. L., 326

Maass-Moreno, R., *software*, 554
MacClintock, D., 361
MacDonald, S. E., 358
Mackie, R., 90
Mahon, J., *software*, 128
Marcus, B. A., 332
Mares, M. A., 518
Marks, S. A., 517
Martin, R. A., 68
Matin, A., 222
Mattei, J. H., 513
Mattingly, R. R., 71
McGovern, M. M., 376
McGrath, C., 212
McInerney, J. D., 74, 362
McKey, D., 103
McLennan, D. A., 241
McShea, D. W., 124
Meicenheimer, R. D., 343
Merry, F. (with P. K. R. Nair), 99
Metzger, H., 72
Meyer, A., *software*, 128; 510
Miller, F., 256, 257, 327, 373, 544
Miller, L. E., 112
Miller, S. L., 82
Miller, W. T., 215, 336, 337
Millstein, J. A., *software*, 553
Mirsky, A. F., 539
Montgomery, D. H., 256
Moore, S. E., 529

Nair, P. K. R. (with F. Merry), 99
Neugebauer, K., 243
Ney, J. J., 233
Norris, K. S., 361
Norton, B. G., 97
Novak, J. D., 122
Nybakken, J., 94

Obrebski, S., 91
O'Neill, Y. V., 370
Osborne, B. S., 531

Pappeheimer, A. M., Jr., 80
Pardue, M. L., 508
Peters, R. H., 96
Philippi, T., 102
Phillips-Quagliata, J. M., 120
Pitot, H. C., 121
Pizzi, W. J., 535
Poccia, D., 220
Pollack, R., 211
Prance, G. T., 345
Prestwich, G. D. (with A. D. Carlson and G. C. Williams), 263
Prestwich, G. D., 214, 216
Pritchard, H. N., 350
Promislow, D., 511
Putrament, A., 209

Read, L. K., 523
Redfield, R., 78
Reim, D. A., 349, 524
Rieppel, O., 325
Ring, R. A., 501
Rohlf, F. J., 262
Rosenberger, A. L., 333
Russo, A., 542

Salisbury, F. B., 85
Sanberg, P. R. (with C. V. Borlongan), 245

Scarlata, S., 70
Scarr, S., 364
Scheiner, S. M. (with P. S. Duncan), 235
Schlager, D., 538
Schrier, S. L., 541
Schwartzman, D., 239
Schwenk, K., 328
Sciolla, A. D., 117
Scott, E. C., 509
Scott, P. A., 85
Searle, R. F., 118
Secor, S. M., 228
Segerstråle, U., *lead review*, 57
Shaw, M. W., 75
Shrader-Frechette, K., 248
Silva, P. J. N., 262
Silverman, I., 113, 365
Simberloff, D., 234
Skinner, M., 539
Slater, P. J. B., 247
Smith, D. G., 233
Smith, M. U., 115
Smithy, W. B., 121
Sokal, R. R., *software*, 127; *lead review*, 321
Sokolowski, M. B. (with C. Varnam), 339
Solis, M. A., 86
Somerville, M. A., *lead review*, 491
Sönksen, P., 116
Spada, E. C., 359
Stollberg, J., 329
Streicher, H. Z., 257
Strother, J. L., 83
Stroud, T. W. F., 549
Sumida, S. S., 502
Sutton, H. E., 364, 368

Taneyhill, D. E., 261
Tautz, J., 110
Templeton, A. R., 76
Thompson, N. S., 121
Thomson, J., *software*, 268
Thomson, K. S., 69
Toft, C. A., 350
Toresella, S., 61
Torr, G., 347
Towe, K. M., 334
Tsirka, S., 340
Tuljapurkar, S., 511

van Berkum, F. H., 63
Vandermeer, J., 99
Varnam, C. (with M. B. Sokolowski), 339
Veit, R. R., 496
Vollrath, L., 246
von Borstel, R. C., 250

Walker, B. H., 104
Wallace, L. L., 355
Ward, J. F., 72
Wcislo, W. T. (with M. J. West-Eberhard), 226
Webster, T. R., 213
Weiss, K. M., 328
Welham, C., 88
Wells, K. D., 536
Wells, N. A., 499
West-Eberhard, M. J. (with W. T. Wcislo), 226
Westerhoff, H. V., 329
White, J. L., 525
Wiegert, R. G., 83
Wiegmann, B. M., 227
Wientjes, F. B., 342
Wiley, R. H., 247
Williams, G. C. (with A. D. Carlson and G. D. Prestwich), 263
Williams, M. C., 344
Williams, P. A., 325
Williams, T. D., 110
Wilson, D. S., *lead review*, 53
Wilson, M., 253
Wilson, M. V. H., 334
Winterbottom, R., 93
Winternitz, B. L., 105
Witteman, G. J. (with M. Gilpin), *software*, 381
Wojnar, M. M., 543
Wray, G. A., *software*, 270
Würsig, B., 95, 526
Wurster, C. F., 229
Wyman, R. L., 237
Wynne-Edwards, K. E., 91, 367